

# Canon | SYSTEMS EQUIPMENT

## PHOTO PRODUCTS GROUP

7100 MCCORMICK ROAD  
CHICAGO, ILLINOIS 60645



**BELL & HOWELL**



**BELL & HOWELL**

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# *Super 8 12:1 Auto Zoom Camera*



MODEL 88C  
(Canon No. 121B)

- REMOTE CONTROL SOCKET
- CABLE RELEASE SOCKETS FOR SINGLE FRAME AND CONTINUOUS RUN
- REMOVABLE TRIGGER GRIP WITH WRIST STRAP

- EXTREME WIDE-RANGE 12:1 f/1.8 ZOOM LENS (7.5 TO 90mm)
- ELECTRICALLY POWERED 2-SPEED ZOOM CONTROL
- BEHIND THE LENS CdS EXPOSURE CONTROL—ASA 16 TO 250
- THROUGH-THE-LENS MICROPRISM FOCUSING
- NORMAL (18fps) AND SLOW MOTION (45fps)
- THROUGH-THE-LENS REFLEX VIEWING
- MANUAL LENS SETTING CONTROL
- SUPER 8 CARTRIDGE LOADING
- AUTOMATIC AND MANUAL FILTER CONTROL
- ELECTRIC FILM DRIVE
- TWO BATTERY TESTERS (FOR EE AND POWER DRIVE/ZOOM)
- EXPOSURE INDICATOR IN VIEWFINDER
- ADJUSTABLE EYEPiece WITH RUBBER EYECUPS
- LIMITING STOPS FOR ZOOM RANGE CONTROL
- BATTERY POWER ON/OFF SWITCH
- REMOVABLE PROFESSIONAL-TYPE LENS HOOD

**CANON SUPER 8 12:1 AUTO ZOOM CAMERA PACKAGE**  
Includes 88C Camera, Deluxe Carrying Case, Chestpod, Lens Hood, Trigger Grip, Lens Cap

011701

\$800.00

**SUPER 8 12:1 AUTO ZOOM ACCESSORIES**

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGE 7 OF THIS SECTION)

|                                                |         |                               |         |
|------------------------------------------------|---------|-------------------------------|---------|
| DELUXE ATTACHE CARRYING CASE FOR 88C<br>112788 | \$49.95 | LENS HOOD (SPECIAL)<br>112756 | \$24.50 |
| CHESTPOD<br>112779                             | \$11.95 | LENS CAP (SPECIAL)<br>112757  | \$ 3.95 |
| REMOTE CONTROL UNIT<br>112724                  | \$ 5.95 | TRIGGER GRIP<br>112767        | \$34.50 |

# *Super 8 Auto Zoom Camera*



MODEL 87C  
(Canon No. 814)

- EXTRA-WIDE RANGE 8:1 f/1.4 ZOOM LENS (7.5 TO 60mm)
- SUPER 8 CARTRIDGE LOADING
- ELECTRICALLY POWERED ZOOM CONTROL
- THROUGH-THE-LENS REFLEX VIEWING
- BEHIND-THE-LENS CdS METER—ASA 16 TO 250
- THROUGH-THE-LENS MICROPRISM FOCUSING
- ELECTRIC FILM DRIVE
- 12, 18, 24 FRAMES-PER-SECOND FILMING SPEEDS
- FADE-OUT AND FADE-IN CONTROL
- TWO BATTERY TESTERS
- AUTOMATIC AND MANUAL FILTER CONTROL
- FILM MOVEMENT INDICATOR
- AUTOMATIC FILM COUNTER
- ADJUSTABLE EYEPiece W/LOCK
- OUT-OF-FILM INDICATOR IN VIEWFINDER
- REMOTE CONTROL SOCKET
- CONTINUOUS RUN LOCK
- EXPOSURE INDICATOR IN VIEWFINDER
- MANUAL LENS SETTING CONTROL
- SINGLE FRAME/CONTINUOUS RUN CABLE RELEASE SOCKETS
- FOLDING BUILT-IN TRIGGER GRIP
- BATTERY POWER OFF/ON SWITCH
- BUILT-IN CARRYING HANDLE

**CANON SUPER 8 AUTO ZOOM CAMERA  
87C**

\$369.95

**CANON SUPER 8 AUTO ZOOM CAMERA PACKAGE**  
Includes 87C Camera, Deluxe Leather Carrying Case, Chestpod

011685

\$399.90

**AUTO ZOOM ACCESSORIES**

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGE 7 OF THIS SECTION)

|                                                                                         |         |                                    |         |
|-----------------------------------------------------------------------------------------|---------|------------------------------------|---------|
| DELUXE LEATHER CARRYING CASE FOR 87C<br>Holds Camera, Extra Film, Accessories<br>112778 | \$29.95 | LENS HOOD (60mm)<br>112620         | \$9.95  |
|                                                                                         |         | REMOTE CONTROL UNIT<br>112724      | \$5.95  |
| CHESTPOD<br>112779                                                                      | \$11.95 | CLOSE-UP LENS 450 (58mm)<br>112133 | \$15.95 |

## Super 8 AUTO ZOOM CAMERA



MODEL 86C  
(Canon No. 518 Auto Zoom)

- WIDE-RANGE 5:1 f/1.8 ZOOM LENS (9.5 TO 47.5mm)
- ELECTRICALLY POWERED ZOOM CONTROL
- SLOW MOTION (36 FPS)
- THROUGH-THE-LENS CDS METER—ASA 25 TO 160
- SUPER 8 CARTRIDGE LOADING
- MANUAL LENS SETTING CONTROL
- THROUGH-THE-LENS REFLEX VIEWING
- ELECTRIC FILM DRIVE
- AUTOMATIC AND MANUAL FILTER CONTROL
- THROUGH-THE-LENS MICROPRISM FOCUSING
- TWO BATTERY TESTERS (FOR EE AND POWER DRIVE/ZOOM)
- FILM TRANSPORT INDICATOR
- ADJUSTABLE EYEPiece
- CABLE RELEASE SOCKET
- SHUTTER LOCK
- BUILT-IN TRIGGER GRIP AND WRIST STRAP
- ACCEPTS 1.6X TELE-LENS CONVERTER

### CANON SUPER 8 AUTO ZOOM CAMERA

86C

**\$209.95**

### CANON SUPER 8 AUTO ZOOM CAMERA PACKAGE

Includes 86C Camera, Deluxe Leather Carrying Case  
011698

**\$229.90**

### SUPER 8 AUTO ZOOM ACCESSORIES

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGE 7 OF THIS SECTION)

|                                            |         |                                                                        |                  |
|--------------------------------------------|---------|------------------------------------------------------------------------|------------------|
| DELUXE CARRYING CASE FOR 86C<br>112780     | \$19.95 | NEUTRAL DENSITY FILTERS (48mm) FOR 86C<br>112750 (ND4)<br>112751 (ND8) | \$8.95<br>\$8.95 |
| TELE-LENS CONVERTER 1.6X FOR 86C<br>112770 | \$99.95 | LENS HOOD FOR 86C<br>112517                                            | \$ 6.50          |
| REMOTE CONTROL UNIT FOR 86C<br>112724      | \$ 5.95 | CANON MOVIE LITE FOR 86C<br>112785                                     | \$19.95          |
| CLOSE-UP LENS 450 (48mm) FOR 86C<br>112701 | \$14.50 |                                                                        |                  |

## Super 8 Zoom Camera



MODEL 89C  
(Canon No. 518-Z)

- WIDE-RANGE 5:1 f/1.8 ZOOM LENS (9.5 TO 47.5mm)
- THROUGH-THE-LENS CDS METER—ASA 25 TO 160
- SUPER 8 CARTRIDGE FILM LOADING
- THROUGH-THE-LENS REFLEX VIEWING
- ACCURATE MICROPRISM FOCUSING
- LENS OPENING SCALE IN VIEWFINDER
- ELECTRIC FILM DRIVE
- AUTOMATIC AND MANUAL FILTER CONTROL
- BATTERY TESTER
- FILM TRANSPORT INDICATOR
- ADJUSTABLE EYEPiece WITH EYECUP
- REMOTE CONTROL SOCKET
- CABLE RELEASE SOCKET
- SHUTTER LOCK
- BUILT-IN TRIGGER GRIP WITH WRIST STRAP
- ACCEPTS 1.6X TELE-LENS CONVERTER

### CANON SUPER 8 ZOOM CAMERA 89C

**\$149.95**

### CANON SUPER 8 ZOOM CAMERA PACKAGE

Includes 89C Camera, Deluxe Carrying Case  
011702

**\$169.90**

### SUPER 8 ZOOM CAMERA ACCESSORIES

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGE 7 OF THIS SECTION)

|                                            |         |                                                                        |                    |
|--------------------------------------------|---------|------------------------------------------------------------------------|--------------------|
| DELUXE CARRYING CASE FOR 89C<br>112780     | \$19.95 | NEUTRAL DENSITY FILTERS (48mm) FOR 89C<br>112750 (ND4)<br>112751 (ND8) | \$ 8.95<br>\$ 8.95 |
| TELE-LENS CONVERTER FOR 89C<br>112770      | \$99.95 | LENS HOOD FOR 89C<br>112517                                            | \$ 6.50            |
| REMOTE CONTROL UNIT FOR 89C<br>112724      | \$ 5.95 | CANON MOVIE LITE FOR 89C<br>112785                                     | \$19.95            |
| CLOSE-UP LENS 450 (48mm) FOR 89C<br>112701 | \$14.50 |                                                                        |                    |

## Super 8 Zoom Camera



MODEL 82C  
(Canon Zoom 250)

- **FOCUS-MATIC** FOR AUTOMATIC DISTANCE MEASUREMENT
- **PRECISION**  $2\frac{1}{2}$ -1 f:1.8 ZOOM LENS (10.8 to 27mm)
- **THROUGH-THE-LENS** REFLEX VIEWING
- **FULL-FOCUSING** LENS
- **CDS ELECTRIC EYE**, RANGE ASA 25-160
- **ELECTRIC FILM DRIVE**
- **SUPER 8 CARTRIDGE FILM LOADING**
- **AUTOMATIC FILTER CONTROL**
- **SELF-SETTING FOOTAGE COUNTER**
- **EXPOSURE INDICATOR** IN VIEWFINDER
- **ADJUSTABLE EYEPIECE** WITH EYECUP
- **BUILT-IN TRIGGER GRIP** WITH WRIST STRAP
- **CABLE RELEASE SOCKET**
- **COMPACT DESIGN** WITH LIGHTWEIGHT CONSTRUCTION

**CANON SUPER 8 ZOOM CAMERA  
82C**

**\$89.95**

**CANON SUPER 8 ZOOM CAMERA PACKAGE**

Includes 82C Camera, Deluxe Carrying Case  
011704

**\$99.90**

### SUPER 8 ZOOM ACCESSORIES

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGE 7 OF THIS SECTION)

|                                        |         |                                          |        |
|----------------------------------------|---------|------------------------------------------|--------|
| DELUXE CARRYING CASE FOR 82C<br>112781 | \$9.95  | UV FILTER (40mm) FOR 82C<br>112545       | \$6.50 |
| MOVIE LITE FOR 82C<br>43461            | \$12.95 | SKYLIGHT FILTER (40mm) FOR 82C<br>112319 | \$4.50 |

#### DELUXE CARRYING CASES FOR 86C, 89C AND 97C

Luxury combination carrying cases designed especially for the 86C, 89C and 97C. Holds camera, film, accessories (86C/89C case also holds Tele-Lens Converter). Adjustable shoulder strap with pad.

Case for 86C/89C Movie Cameras

112780 \$19.95

Case for 87C Movie Camera

112778 \$29.95



112778

#### DELUXE ATTACHE CARRYING CASE FOR 88C

Designed especially for the Canon 88C movie camera, combination type with room for camera, chestpod, hood, and extra film. Sturdy construction with comfortable carrying handle. Chrome fittings. Color is black with red interior. Latches have lock with key.

112788 \$49.95



112788

#### TELE-LENS CONVERTER 1.6X FOR 85C, 86C, 89C

For the 85C/86C/89C cameras only. Converts present lens to 8.1 zoom range. With converter, zoom range is 15.6mm to 78mm. Without converter, range is 9.5mm to 47.5mm. Converter has built-in lens hood, screws easily into front of camera's lens. With case and lens caps.

112770 \$99.95



112770

#### LENS HOODS FOR MOVIE CAMERAS

Clamp-on type lens hoods for the 84C/85C/86C/87C/88C/89C movie cameras. All metal except 88C hood is rubber and metal.

For 84C/85C/86C/89C Cam. (50mm)

112517 \$6.50

For 87C Camera (50mm)

112520 \$9.95

For 88C Camera (Special)

112756 \$24.50



112620

#### CLOSE-UP LENS 450

For 87C (58mm) and 84C/85C/86C/89C (48mm) movie cameras. Lens screws directly into front of camera lens. -2 diopter.

58mm for 87C

112133 \$15.95

48mm for 86C, 85C, 84C, 89C

112701 \$14.50



112701

#### ELECTRIC-EYE BATTERIES

Mercury batteries for electric-eye exposure control systems. Rated at 1.35-volts, useful life approximately one year. TWO batteries required in 84C/85C/86C/87C/88C/89C. ONE battery required in 82C. Provide constant, even power until exhausted.

112615 \$ .75



112615

#### DELUXE CARRYING CASES FOR 82C, 84C, 85C

Each case is designed for the particular camera listed. Holds camera with room for extra film and accessories.

Case for 82C Movie Camera

112781 \$9.95

Case for 84C Movie Camera

112776 \$14.95

Case for 85C Movie Camera

112777 \$19.95



112776

#### REMOTE CONTROL UNIT

Designed for the Canon 84C, 85C, 86C, 87C, 88C, and 89C Super 8 movie cameras. Plugs into remote socket of camera and allows operation from up to 26 feet away. Perfect for wildlife photography or when you need to control the camera from a remote position. With case.

112724 \$5.95



112724

#### CHESTPOD FOR ALL MOVIE CAMERAS

Adjustable neck strap with pad holds chestpod in position on chest. Camera screws into upper part of telescoping post. Unit is completely adjustable. Assures more comfortable movie-making and steadier movies. Can also be used with still cameras.

112779 \$11.95



112779

#### RUBBER EYECUPS FOR 84C/85C/86C/88C/89C

Protective rubber eyecups snap onto camera eyepiece, can be instantly removed. Two types available, for eyeglass wearers and for people who do not use glasses.

Flat Eyecup, for Eyeglass Wearers

112758 \$1.00

Curved Eyecup, Standard Type

112759 \$1.00



112758

#### NEUTRAL DENSITY FILTERS

Screw directly into front of camera lens. Two densities and two sizes available.

48mm for 84C/85C/86C/89C

112750 (ND4) \$8.95

112751 (ND8) \$8.95

58mm for 87C

112753 (ND4) \$13.50

112754 (ND8) \$13.50



112750

#### MOVIE LITES

Designed especially for Canon movie cameras. The 112785 Lite uses bromine DVA lamps, has spot and flood adjustment; tilts for bounce lighting. The 43461 Lite uses DVA haloid beam lamp. Tilts for bounce lighting.

For 84C/85C/86C/87C Cameras

112785 \$19.95

For 82C Movie Camera

43461 \$12.95



112785

MOVIE OUTFIT  
NUMBER

|                  |          |
|------------------|----------|
| K82CC/K346/CASE  | \$184.85 |
| K82CC/K357Z/CASE | 214.85   |
| K82CC/K456/CASE  | 249.85   |
| K82CC/K456Z/CASE | 269.85   |
| K82CC/K466Z/CASE | 289.85   |

|                  |          |
|------------------|----------|
| K89CC/K346/CASE  | \$254.85 |
| K89CC/K357Z/CASE | 284.85   |
| K89CC/K456/CASE  | 319.85   |
| K89CC/K456Z/CASE | 339.85   |
| K89CC/K466Z/CASE | 359.85   |

|                  |          |
|------------------|----------|
| K86CC/K346/CASE  | \$314.85 |
| K86CC/K357Z/CASE | 344.85   |
| K86CC/K456/CASE  | 379.85   |
| K86CC/K456Z/CASE | 399.85   |
| K86CC/K466Z/CASE | 419.85   |

|                  |          |
|------------------|----------|
| K87CC/K346/CASE  | \$484.85 |
| K87CC/K357Z/CASE | 514.85   |
| K87CC/K456/CASE  | 549.85   |
| K87CC/K456Z/CASE | 569.85   |
| K87CC/K466Z/CASE | 589.85   |

|                  |          |
|------------------|----------|
| K88CC/K346/CASE  | \$684.95 |
| K88CC/K357Z/CASE | 914.95   |
| K88CC/K456/CASE  | 949.95   |
| K88CC/K456Z/CASE | 969.95   |
| K88CC/K466Z/CASE | 989.95   |

## Canonet QL 1.9, 2.5

- QUICK LOADING
- BUILT-IN HIGHLY SENSITIVE G65 METER—ASA 25 TO 800
- CONTINUOUS READING DATA CENTER VIEWFINDER
- BUILT-IN DOUBLE IMAGE RANGEFINDER
- FOCUS 3 FEET TO INFINITY
- BETWEEN-THE-LENS SHUTTER
- SELF-RESETTING EXPOSURE COUNTER
- RAPID WIND FILM ADVANCE
- RAPID CRANK REWIND
- UNDER/OVER EXPOSURE LOCK

ALL FEATURES LISTED ABOVE PLUS:

- SHARP 45mm f/1.9 LENS
- "M" AND "X" SYNCHRONIZATION
- LV 2.5 TO 10 WITH ASA 100 FILM
- SHUTTER SPEEDS 1 SEC. TO 1/300 SEC. PLUS "B" AND "T"
- SELF-TIMER

CANONET QL 1.9 CAMERA WITH CASE  
011890 \$109.95

CANONET QL 1.9 CAMERA ONLY  
54 CQL \$99.95

ALL FEATURES LISTED ABOVE PLUS:

- 45mm f/2.5 LENS
- "X" SYNCHRONIZATION
- SHUTTER SPEEDS 1/15 SEC. TO 1/300 SEC.
- LV 3 TO 15 WITH ASA 100 FILM

CANONET QL 2.5 CAMERA WITH CASE  
011891 \$89.95

CANONET QL 2.5 CAMERA ONLY  
56 CQL \$79.95



Canonet QL 1.9



Canonet QL 2.5

### CANONET QL 1.9 AND 2.5 ACCESSORIES

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGES 14 AND 15 OF THIS SECTION)

|                                         |         |                                                                                                                                              |         |
|-----------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------|---------|
| FLASHCUBE ADAPTER (CORD TYPE)<br>112455 | \$7.95  | LEATHER EVEREADY CARRYING CASE<br>112463                                                                                                     | \$13.95 |
| CANON QUINT FLASH GUN<br>112456         | \$14.95 | LOCKING CABLE RELEASE<br>112502                                                                                                              | \$2.25  |
| MODEL J-3 FLASH GUN<br>112567           | \$7.95  | LENS HOOD<br>112400                                                                                                                          | \$3.95  |
| MODEL J-2 FLASH GUN<br>112539           | \$9.95  | FILTERS AND LENS CAPS FOR THE QL 1.9 AND 2.5 are listed on pages 21 and 26 of this section. Filter size: 35mm. Lens hood and cap size: 37mm. |         |

**SINGLE LENS REFLEX:** Compact body styling with shock-proof, quick-return mirror. Independent mirror lock-up device.

**BUILT-IN CDS METER:** Highly sensitive CDS meter built into the camera. Has high and low sensitivity selector switch for ranges of EV1 to 10 and EV9 to 18 with ASA 100 film. Meter adjustable for films from ASA 10 to ASA 800. Meter light acceptance angle of 40°. Replacement mercury battery—Mallory PX-13 or equivalent.

**INTERCHANGEABLE LENSES:** Accepts all Canon FL and R lenses from 19mm super wide-angle to 1000mm super telephoto. Breach-lock mount for easy lens changing. Camera body has automatic diaphragm operation for automatic FL lenses.

**SHUTTER:** Focal plane shutter of rubberized cloth. Equally spaced speeds from 1 second to 1/1000 second, plus B (for time exposures) and X setting for electronic flash. Self timer and shutter lock included.

**FLASH SYNCHRONIZATION:** One terminal for automatic X, M, and FP synchronization. X shutter setting for electronic flash is equivalent to 1/60 second.

**ADDITIVE FILM ADVANCE:** Advance film fast and easy with a single stroke or with multiple stroke action.

**BUILT-IN ACCESSORY SHOE:** Located on top of prism in line with the lens; lets you attach flash equipment without brackets.



**FX**

**HINGED BACK:** Eliminates fumbling, lets you load film fast and easy.

**FOCUSING:** Full ground-glass focusing with Fresnel lens, plus split-image rangefinder in center of focusing screen.

**BATTERY CHECKER:** Built-in battery checker for determining the condition of the meter's mercury battery.

**CANON FX**

|                                                      |                                                      |
|------------------------------------------------------|------------------------------------------------------|
| Model FL Reflex Camera with FL 50mm f/1.8 Canon Lens | Model FX Reflex Camera with FL 55mm f/1.2 Canon Lens |
| <b>30CA \$179.95</b>                                 | <b>30CC \$268.95</b>                                 |
| Model FL Reflex Camera with FL 50mm f/1.4 Canon Lens | Model FX Camera Body Only                            |
| <b>30CB \$229.95</b>                                 | <b>30C \$103.95</b>                                  |

**FX ACCESSORIES**

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGES 14 AND 15 OF THIS SECTION)

|                                                                            |                                                         |
|----------------------------------------------------------------------------|---------------------------------------------------------|
| <b>EVEREADY CARRYING CASES:</b> Black hard leather cases with neck straps. | <b>SOFT CARRYING CASE:</b> For FX with any normal lens. |
| For FX with 50mm f/1.8 Lens.                                               | <b>112667 \$10.95</b>                                   |
| <b>112608 \$13.95</b>                                                      |                                                         |
| For FX with 50mm f/1.4 or 55mm f/1.2 Lens.                                 |                                                         |
| <b>112609 \$15.50</b>                                                      |                                                         |

**THROUGH-THE-LENS METER:** CDS meter reads the light behind the lens at the condenser before the light enters the pentaprism. Meter film speed range ASA 25-2000.

**SPOT METER READINGS:** The meter reads approximately 12% of the total light entering through the lens, area measured by the meter is shown as a small rectangle in the center of the viewfinder. Meter angle of acceptance varies with the focal length of the lens used (about 14 degrees with a 50mm lens).

**EXCLUSIVE METER CONTROL LEVER:** Lever activates meter and stops down lens for most accurate readings. Match needle to small circle in viewfinder by turning either aperture ring or shutter speed dial while meter is turned on. Meter range EV3 to 18 with ASA 100 film.

**QUICK LOAD:** New QL film loading mechanism means easy and fool-proof loading for amateurs; fast and convenient loading for professionals.

**SINGLE LENS REFLEX:** Compact body styling with shock-proof quick-return mirror.

**FOCUSING:** Full ground-glass focusing with Fresnel lens, plus micropriam screen in center of viewfinder.

**SHUTTER:** Focal plane shutter of rubberized cloth. Equally spaced speeds of 1 second to 1/1000 second plus B (for time exposures), plus X setting for electronic flash.

**FLASH SYNCHRONIZATION:** One terminal for automatic X, M, and FP synchronization. X shutter setting for electronic flash equivalent to 1/60 second.



**TL-QL**

**METER BATTERY:** Built-in meter uses single Mallory PX-13 battery or equivalent.

**LENSES:** Accepts all Canon FL and R lenses from 19mm super wide-angle to 1000mm super telephoto. Breach-lock mount for easy lens changing. Camera body has automatic diaphragm operation for automatic FL lenses.

**OTHER FEATURES:** Automatic film counter; built-in accessory shoe; single-stroke film advance with multiple stroke wind action if desired.

**CANON TL-QL**

|                                                      |                                                |
|------------------------------------------------------|------------------------------------------------|
| Model TL-QL Reflex Camera with 50mm f/1.8 Canon Lens | Model TL-QL Reflex Camera with 55mm f/1.2 Lens |
| <b>32CA \$199.95</b>                                 | <b>32CC \$288.95</b>                           |
| Model TL-QL Reflex Camera with 50mm f/1.4 Lens       | Model TL-QL Camera Body Only                   |
| <b>32CB \$249.95</b>                                 | <b>32C \$123.95</b>                            |

**TL-QL ACCESSORIES**

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGES 14 AND 15 OF THIS SECTION)

|                                                                            |                                                            |
|----------------------------------------------------------------------------|------------------------------------------------------------|
| <b>EVEREADY CARRYING CASES:</b> Black hard leather cases with neck straps. | <b>SOFT CARRYING CASE:</b> For TL-QL with any normal lens. |
| For TL-QL with 50mm f/1.8 Lens.                                            | <b>112667 \$19.95</b>                                      |
| <b>112648 \$16.50</b>                                                      |                                                            |
| For TL-QL with 50mm f/1.4 or 55mm f/1.2 Lens.                              |                                                            |
| <b>112649 \$17.50</b>                                                      | <b>SELF-TIMER 7 \$4.95</b>                                 |
|                                                                            | <b>112440</b>                                              |

# CANON MODEL FT-QL

# Canon FT-QL CAMERA



FT-QL

**QUICK LOAD:** New QL mechanism means easy and fool-proof loading for amateurs; fast and convenient loading for professionals.

**THROUGH-THE-LENS METER:** CdS meter reads the light behind the lens at the condenser before the light enters the pentaprism.

**SPOT METER READINGS:** Meter reads approximately 12% of total light entering through the lens; area measured by meter is shown in small rectangle in center of viewfinder; meter angle of acceptance varies with focal length of lens used (14 degrees with 50mm lens).

**EXCLUSIVE METER CONTROL LEVER:** Self timer lever activates meter and stops down lens for most accurate readings when pushed clockwise (toward lens). Viewing and focusing done with lens diaphragm wide open for maximum brightness.

**COUPLED METER:** Merely match needle to small spot in viewfinder by turning either aperture ring or shutter speed dial while meter is turned on. Meter range EV 3 to EV 18 with ASA 100 film. ASA range 25-2000.

**ACCEPTS BOOSTER METER:** FT camera has provision for new booster meter which snaps onto the accessory shoe and increases the camera meter range to EV-3.5 to EV 18 with ASA 100 film. This means exposures down to 30 seconds at f/1.2 can be accurately determined.

**SINGLE LENS REFLEX:** Compact body styling with shock proof, quick return type mirror. Independent mirror lock up device.

**FOCUSING:** Full screen focusing, including Fresnel, ground glass, and micro-prim to satisfy every need.

## CANON FT-QL

|                                                   |             |                 |                                    |             |                 |
|---------------------------------------------------|-------------|-----------------|------------------------------------|-------------|-----------------|
| Model FT-QL Reflex Camera w/50mm f/1.8 Canon Lens | <b>33CA</b> | <b>\$249.95</b> | Model FT-QL Camera Body Only       | <b>33C</b>  | <b>\$173.95</b> |
| Model FT-QL Reflex Camera w/50mm f/1.4 Canon Lens | <b>33CB</b> | <b>\$299.95</b> | Model FT-QL Camera BLACK BODY only | <b>33CX</b> | <b>\$193.95</b> |
| Model FT-QL Reflex Camera w/50mm f/1.2 Canon Lens | <b>33CC</b> | <b>\$338.95</b> |                                    |             |                 |

## FT-QL ACCESSORIES

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGES 14 AND 15 OF THIS SECTION)



112665

**BOOSTER:** (For FT and Pellix QL only). Snaps onto accessory shoe on camera and plugs into camera battery compartment. Increases the FT camera meter range to EV-3.5 to EV 18 with ASA 100 film. Makes possible exposures to 30 seconds at f/1.2. Excellent for low light situations such as night photography, microscope, and macro photography. Replacement batteries: Two Mallory PX-13 or equivalent.

**\$59.95**

**EVEREADY CARRYING CASES:** Black hard leather cases with neck strap.

For FT-QL w/50mm f/1.8 Lens.

**112648**

**\$16.50**

For FT-QL w/50mm f/1.4 or 50mm f/1.2 Lens.

**112649**

**\$17.50**

**SOFT CARRYING CASE:** For FT-QL with any normal Lens.

**112667**

**\$19.95**

# Canon Pellix-QL

# CANON PELLIX QL



Canon Pellix QL

**QUICK LOAD:** New QL mechanism means easy and fool-proof loading for amateurs; fast and convenient loading for professionals.

**EXCLUSIVE PELLIX MIRROR:** Fixed beam splitting mirror eliminates moveable mirror. Means no black-out, no vibration, and allows meter placement behind the lens directly in front of film plane for most accurate light measurement.

**SPOT METER READINGS:** Meter reads approximately 12% of total light which strikes the film. Area measured by meter is shown in small rectangle in center of viewfinder; meter angle of acceptance varies with focal length of lens used (14 degrees with 50mm lens).

**ACCEPTS BOOSTER METER:** Pellix QL has provision for new booster meter which snaps onto the accessory shoe and increases the meter range to EV-4.5 to EV 18 with ASA 100 film. This means exposures down to 60 seconds at f/1.2 can be accurately determined.

**SINGLE LENS REFLEX:** Compact body styling. Pellix QL non-moving mirror allows special lens design.

**EXCLUSIVE METER CONTROL LEVER:** Self timer lever activates meter and stops down lens diaphragm when pushed clockwise (toward lens). By measuring with lens stopped down and by measuring actual light at the film plane the most accurate exposures possible are obtained. Viewing and focusing is done with the lens diaphragm open for maximum brightness.

**THROUGH-THE-LENS METER:** Merely match needle to small spot in viewfinder by turning either aperture ring or shutter speed dial while meter is turned on. Meter range EV 1 to EV 18 with ASA 100 film. ASA range 25-2000.

**FOCUSING:** Full screen focusing, including Fresnel, ground glass, and micro-prim to satisfy every need.

**SHUTTER:** Metal focal plane shutter. Equally spaced speeds from 1 to 1/1000th second, plus B (time). Shutter lock device and self timer.

**LENSES:** Accepts all Canon FL Lenses and 35mm FL/P lenses. Automatic diaphragm operation and easy breech lock mounting.

**BATTERY CHECKER:** Meter uses Mallory PX-13 or equivalent. Checker tests battery condition.

**AUTOMATIC FILM COUNTER**

**BUILT-IN ACCESSORY SHOE**

**FLASH SYNCHRONIZATION:** One terminal automatic flash sync for X, M, FP bulbs or electronic flash. Electronic flash sync—1/60.

## CANON PELLIX QL

|                             |             |                 |                                  |             |                 |
|-----------------------------|-------------|-----------------|----------------------------------|-------------|-----------------|
| Pellix QL w/50mm f/1.8 Lens | <b>44CA</b> | <b>\$299.95</b> | Pellix QL Camera Body Only       | <b>44C</b>  | <b>\$223.95</b> |
| Pellix QL w/50mm f/1.4 Lens | <b>44CB</b> | <b>\$349.95</b> | Pellix QL Camera BLACK BODY only | <b>44CX</b> | <b>\$243.95</b> |
| Pellix QL w/50mm f/1.2 Lens | <b>44CC</b> | <b>\$388.95</b> |                                  |             |                 |

## PELLIX QL ACCESSORIES

(FOR COMPLETE LIST AND DESCRIPTIONS, SEE PAGES 14 AND 15 OF THIS SECTION)



Two Mallory PX-13 or equivalent.

**112665**

**BOOSTER:** (For FT and Pellix QL only). Snaps onto accessory shoe on camera and plugs into camera battery compartment. Increases the Pellix QL camera meter range to EV -4.5 to EV 18 with ASA 100 film. Makes possible exposures to 60 seconds at f/1.2. Excellent for low light situations such as night photography, microscope and macro photography. Replacement batteries: Two Mallory PX-13 or equivalent.

**\$59.95**

**EVEREADY CARRYING CASES:** Black hard leather cases with neck strap.

For Pellix or Pellix QL with 50mm f/1.8 Lens.

**112668**

**\$16.50**

For Pellix or Pellix QL w/50mm f/1.4 or 50mm f/1.2 Lens.

**112669**

**\$17.50**

**SOFT CARRYING CASE:** For Pellix QL with any normal Lens.

**112667**

**\$19.95**

|                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BOOSTER FOR FT-QL AND PELLIX QL METERS</b><br>Snaps onto accessory shoe of camera and plugs into camera's battery compartment. Increases camera meter range down to EV minus 4.5 (Pellix QL) and EV minus 3.5 (FT-QL). Excellent for night photography, photomicrography, and photomacrography.<br><b>112665 \$89.95</b>  | <b>CORRECTIVE DIOPTR EYEPIECE ADAPTERS</b><br>For SLR's, adjusts viewfinder's normal -1.3 diopter rating to values shown.<br><b>112611 \$2.95</b><br>0 Diopter<br><b>112612 \$2.95</b><br>-2.5 Diopter<br><b>112613 \$2.95</b><br>-4 Diopter<br><b>112614 \$2.95</b>                                                                         |
| <b>WAIST LEVEL OR RIGHT ANGLE FINDER</b><br>Attaches to slotted track on eyepiece of FP, FX, TL-QL, FT-QL, Pellix QL, and RM reflex cameras. Useful for low angle or waist-level viewing. Also for copy stand or microscopography. Has 360° rotation, 90° internal stops. Adjustable ocular.<br><b>112629 \$21.95</b>        | <b>CANON FLASHCUBE ADAPTERS</b><br>Compact flash unit uses 4-shot flashcubes. Has cube rotating lever, uses 2 N-size alkaline batteries. Built-in exposure guide. With case.<br>Cord type with PC Plug. <b>\$7.95</b><br>Hot-Shoe Type (no cord) <b>\$7.95</b><br><b>112455 \$7.95</b><br><b>112454 \$7.95</b>                               |
| <b>MODEL J-2 FLASH UNIT</b><br>Folding-reflector unit for baseless (AG-1 type) or ±5 flashbulbs. Exposure guide, test light, cord has PC plug. With case and capacitor.<br><b>112935 \$9.95</b><br>Extra 100mfd Capacitor <b>\$2.00</b><br><b>112914 \$2.00</b>                                                              | <b>CANON QUINT FLASH UNIT</b><br>Automatic multi-pole-exposure flash unit. Holds five AG-1 type flashbulbs. Fires each automatically in sequence as pictures are taken. Exposure scale and test lamp. With shield, capacitor.<br><b>112456 \$14.95</b><br>Spare Cartridge for Quint Flash Unit. Minimum Quantity 6.<br><b>112457 \$2.95</b>  |
| <b>MODEL J-3 FLASH UNIT</b><br>Capacitor-type flash unit for American baseless (AG-1 type) or European base (PH) flashbulbs. Built-in exposure guide. Cord has PC-type plug. With case and 200mfd capacitor.<br><b>112587 \$7.95</b><br>Extra 200mfd Capacitor <b>\$2.00</b><br><b>112190 \$2.00</b>                         | <b>SELF-TIMER 7</b><br>Screws into camera's cable release socket. Completely adjustable to activate any shutter properly. Time delay adjustable from 5 to 15 seconds. Plunger retracts automatically. For Canonets with cable release sockets and for TL-QL cameras.<br><b>112449 \$4.95</b><br><b>112449 \$4.95</b>                         |
| <b>FLASH UNIT V3</b><br>Battery-capacitor flash unit for any camera with accessory shoe and PC-type socket. Adjustable mounting bracket. 90° swivel head for bounce flash, built-in test light, flashbulb ejector. 3-way socket, adjustable for different flashbulb bases. With case.<br><b>112628 \$18.95</b>               | <b>NECK STRAP</b><br>Neck strap is same type as included with everyday cases. Use as replacement or spare. Button-type fasteners provide easy installation or removal from strap lugs on case. Flexible, long wearing. Strap length adjustable for comfortable carrying.<br><b>112607 \$1.50</b><br><b>112607 \$1.50</b>                     |
| <b>LOCKING CABLE RELEASE</b><br>All-metal construction, has built-in lock for keeping shutter open when actuator is set on B. Overall length approximately 10 inches. Essential for short or long time exposures when camera is on a tripod. For all Bell & Howell/Canon cameras.<br><b>112502 \$2.25</b>                    | <b>LENS HOOD FOR CANONET CAMERAS</b><br>All metal lens hood clamps over camera lens mount, reverses over lens for storage. Does not interfere with use of filters. For Canonet QL 1.9, 2.5, and 1.9E. Also fits any 57mm lens mount. With leather case.<br><b>112400 \$3.95</b><br><b>112400 \$3.95</b>                                      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SOFT EVEREADY CARRYING CASE</b><br>Soft-type eveready carrying case provides perfect protection for the camera. Front flap can be unstrapped or removed for picture-taking. Fits FP, FX, FT-QL, TL-QL, or Pellix with any normal lens. Locking screw holds camera in place. Neck strap included.<br><b>112667 \$19.95</b>                                       | <b>HARD EVEREADY CASES FOR PELLIX QL, FT-QL, TL-QL</b><br>For FT-QL and TL-QL, w/50mm f/1.8 Lens. <b>\$18.50</b><br>For FT-QL and TL-QL, w/50mm f/1.4, 58mm or 55mm f/1.2 Lenses. <b>\$17.50</b><br>For Pellix or Pellix QL with 50mm f/1.8 Lens. <b>\$18.50</b><br>For Pellix or Pellix QL with 50mm f/1.4, 58mm or 55mm f/1.2 Lenses. <b>\$17.50</b><br><b>112668 \$17.50</b>  |
| <b>HARD EVEREADY CASES FOR FP, FX</b><br>Black hard leather eveready carrying cases. Front cover folds down for instant shooting. Includes neck strap, locking screw.<br>For FP or FX with 50mm f/1.8 Lens. <b>\$13.95</b><br><b>112608 \$13.95</b><br>For FP or FX with 50mm f/1.4, 58mm or 55mm f/1.2 Lens. <b>\$15.50</b><br><b>112609 \$15.50</b>              | <b>EVEREADY CARRYING CASE FOR CANONETS</b><br>Handsome black carrying case for Canonet QL 1.9, QL 2.5, and QL 1.9E cameras. All leather construction with detachable front flap. Adjustable neck strap included. Case provides complete protection against dust and accidental damage.<br><b>112463 \$13.95</b>                                                                  |
| <b>LENS MOUNT CONVERTER P</b><br>Converter permits use of any Pentax, Praktika, or Yashica screw-mount lens on Canonflex, FP, FX, TL-QL, FT-QL, Pellix, or Pellix QL cameras. Converter can be left on the camera or on the lens. Lens aperture must be set manually if lens is automatic type.<br><b>112150 \$5.95</b>                                            | <b>LENS MOUNT CONVERTER E</b><br>Converter permits the use of any Exakta lens with external-type mount on Canonflex, FP, FX, TL-QL, FT-QL, Pellix, or Pellix QL cameras. Converter can be left on the camera or on the lens. Lens aperture must be set manually if the lens is the automatic type.<br><b>112125 \$7.95</b>                                                       |
| <b>LENS MOUNT CONVERTER N</b><br>Converter permits the use of Nikon bayonet-mount lenses on Canonflex, FX, FP, TL-QL, FT-QL, Pellix, and Pellix QL cameras. Converter can be left on the camera or on the lens. If lens is automatic type, its lens aperture must be set manually.<br><b>112696 \$12.50</b>                                                        | <b>LENS MOUNT CONVERTER A</b><br>Permits use of Canon and Leica-type screw-mount lenses on Canon breach-mount SLR cameras. For close-up work as lens will not focus at infinity. Can also be used with short-mount long focus screw-mount lenses on the Bellows FL or on the appropriate Extension Tube FL.<br><b>112135 \$11.50</b>                                             |
| <b>LENS MOUNT CONVERTER B</b><br>Converter adapts Canonflex R or FL lenses to screw-mount Canon or Leica-type cameras. Also adapts these lenses for use with screw-mount close-up rings, tubes, etc. To use screw-mount tubes or rings on breach-mount cameras, both A and B converters are necessary.<br><b>112693 \$6.50</b>                                     | <b>LENS OPENING COVER R</b><br>Body cap for Canonflex, FX, FP, TL-QL, FT-QL, Pellix, and Pellix QL. Made of durable black plastic, cover snaps over camera's body opening when lens is not installed. Protects camera's mirror and other mechanism from dust and possible damage.<br><b>112633 \$ .50</b>                                                                        |
| <b>MERCURY BATTERIES</b><br>These batteries power the electric eyes or built-in meters of Canonet and SLR cameras. Even, dependable power until exhausted.<br>For Canonet QL 1.9, 2.5, and 1.9E Cameras (1 required) <b>\$ .75</b><br>36200 <b>\$ .75</b><br>For FP Meter, FX, TL-QL, FT-QL, Pellix, Pellix QL, and Booster <b>\$ .75</b><br><b>112615 \$ .75</b>  | <b>LENS CAPS</b><br>Slip-on caps for lens protection. 50mm, for f/1.8 normal SLR Lenses. <b>\$1.50</b><br><b>112622 \$1.50</b><br>60mm, for f/1.4 and f/1.2 normal Lenses. <b>\$1.75</b><br><b>112624 \$1.75</b><br>37mm, for Canonet 1.9, 1.7, QL 1.5, QL 2.5 <b>\$1.00</b><br><b>112525 \$1.00</b><br>55mm, for Canonet 2.8 <b>\$ .75</b><br><b>112524 \$ .75</b>              |

\* Some Canonets require single 112615 battery. See camera's instruction book.

# INTRODUCTION TO CANON FL AND R LENSES

Canon has manufactured three main types of lenses in recent years; Canon Lenses, Canon R Lenses, and Canon FL Lenses.

**CANON LENSES:** Lenses designated Canon have a Leica-thread screw mount and will fit Canon rangefinder-type cameras, most Leica screw-mount cameras, and similar types. These lenses couple to the rangefinder systems on Canon and most Leica cameras.

**CANON R LENSES:** Lenses designated Canon R have a breech-lock mount and a two-pin automatic diaphragm operation (except the Long Telephoto Lenses which have manual lens openings). Canon R lenses fit early single-lens reflex models, including the Canonflex R, RP, RM, and R-2000. These lenses sometimes carry the designations Super Canonomatic or Canonomatic. While Canon R lenses can be used with the FP, FX, TL-QL, FT-QL, Pellic, and Pellic QL cameras, their automatic diaphragm systems will not couple and the lens openings must be set manually.

**CANON FL LENSES:** Lenses designated Canon FL have the same breech-lock mount as Canon R lenses, but they do not have an automatic diaphragm mechanism. Canon FL lenses are normally designated for use on the Canon FP, FX, TL-QL, FT-QL, Pellic, and Pellic QL cameras, and on those accessories designated FL. They will work on any older model Canon reflex camera, but will not have automatic diaphragm operation. All Canon FL lenses have automatic diaphragms, depth-of-field scales, and manual aperture overrides for depth-of-field previewing (unless otherwise noted).

**LONG TELEPHOTO LENSES:** These lenses are designed for use on breech-lock mount cameras, but they do not have an automatic diaphragm mechanism. They contain a single control ring which is a manual aperture control. The lens itself does not contain a focusing collar as focusing and mounting is accomplished by using a Bellows R and Lens Supporter (see page 20). Filters (48mm special extra-thin) are inserted behind the lens in the carriage in the Lens Supporter. The interchangeability of the Bellows R, Lens Supporter, and filters between the various Long Telephoto Lenses means that only one set of these items is necessary for use with any of these lenses.

## FL 19mm f/3.5 WIDE-ANGLE RETROFOCUS LENS

LENS SET, Includes Lens, Leather Case, Filter Holder

|                         |          |
|-------------------------|----------|
| 112245                  | \$279.95 |
| Lens with Filter Holder |          |
| 112246                  | \$272.95 |
| Leather Case Only       |          |
| 112247                  | \$ 7.00  |



Angle of View: 90°  
Magnification (Based on 50mm Lens): .38X  
No. of Elements: 11  
Filter Size: Series 9

## FL 28mm f/3.5 WIDE-ANGLE LENS

LENS SET, Includes Lens, Leather Case, Lens Hood

|                   |          |
|-------------------|----------|
| 112159            | \$174.40 |
| Lens Only         |          |
| 112161            | \$159.95 |
| Leather Case Only |          |
| 112157            | \$ 4.50  |
| Lens Hood Only    |          |
| 112171            | \$ 8.95  |



Angle of View: 75°  
Magnification (Based on 50mm Lens): .45X  
No. of Elements: 7  
Filter Size: 39mm

## FL 35mm f/3.5 WIDE-ANGLE LENS

LENS SET, Includes Lens, Leather Case, Lens Hood

|                   |          |
|-------------------|----------|
| 112205            | \$ 99.95 |
| Lens Only         |          |
| 112206            | \$ 89.95 |
| Leather Case Only |          |
| 112157            | \$ 4.50  |
| Lens Hood Only    |          |
| 112207            | \$ 6.50  |



Angle of View: 64°  
Magnification (Based on 50mm Lens): .57X  
No. of Elements: 6  
Filter Size: 46mm

## FL 35mm f/2.5 WIDE-ANGLE LENS

LENS SET, Includes Lens, Leather Case, Lens Hood

|                   |          |
|-------------------|----------|
| 112155            | \$174.95 |
| Lens Only         |          |
| 112156            | \$111.50 |
| Leather Case Only |          |
| 112157            | \$ 4.50  |
| Lens Hood Only    |          |
| 112158            | \$ 8.95  |



Angle of View: 64°  
Magnification (Based on 50mm Lens): .7X  
No. of Elements: 7  
Filter Size: 50mm

## FLP 38mm f/2.8 WIDE-ANGLE LENS (For Pellic, Pellic QL Only)

Normal focus, wide-angle lens, fits Pellic and Pellic QL lens mount only.

LENS SET, Includes Lens, Leather Case

|                   |          |
|-------------------|----------|
| 112154            | \$ 94.95 |
| Lens Only         |          |
| 112152            | \$ 81.45 |
| Leather Case Only |          |
| 112153            | \$ 3.50  |



Angle of View: 55°  
Magnification (Based on 50mm Lens): .85X  
No. of Elements: 4  
Filter Size: 48mm

## FL 50mm f/3.5 MACRO LENS WITH LIFE-SIZE ADAPTER

LENS SET, Includes Lens, Leather Case, Life-Size Adapter

|                            |          |
|----------------------------|----------|
| 112168                     | \$169.95 |
| Lens Only                  |          |
| 112164                     | \$143.95 |
| Leather Case Only          |          |
| 112166                     | \$ 6.50  |
| Life-Size 1:1 Adapter Only |          |
| 112178                     | \$ 19.50 |



Angle of View: 46°  
Magnification (Based on 50mm Lens): 1X  
No. of Elements: 4  
Filter Size: 50mm

**FL 50mm f/1.8 NORMAL LENS**

|                              |          |
|------------------------------|----------|
| <b>LENS ONLY</b><br>112243** | \$ 76.00 |
| Leather Case<br>112157       | \$ 4.50  |
| Lens Hood<br>112517          | \$ 7.50  |



Angle of View: 46°  
Magnification (Based on 50mm Lens): 1X  
No. of Elements: 6  
Filter Size: 48mm

**FL 50mm f/1.4 II NORMAL LENS**

|                             |          |
|-----------------------------|----------|
| <b>LENS ONLY</b><br>112173* | \$126.00 |
| Leather Case<br>112187      | \$ 4.50  |
| Lens Hood<br>112620         | \$ 9.95  |



Angle of View: 46°  
Magnification (Based on 50mm Lens): 1X  
No. of Elements: 7  
Filter Size: 48mm

**FL 55mm f/1.2 NORMAL LENS**

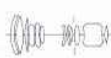
|                            |          |
|----------------------------|----------|
| <b>LENS ONLY</b><br>112233 | \$165.00 |
| Leather Case<br>112187     | \$ 4.50  |
| Lens Hood<br>112620        | \$ 9.95  |



Angle of View: 43°  
Magnification (Based on 50mm Lens): 1.1X  
No. of Elements: 7  
Filter Size: 58mm

**FL 55-135mm f/3.5 ZOOM LENS**

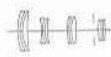
|                                                                   |          |
|-------------------------------------------------------------------|----------|
| <b>LENS SET, Includes Lens, Leather Case, Lens Hood</b><br>112128 | \$299.50 |
| Leather Case Only<br>112127                                       | \$276.05 |
| Leather Case Only<br>112128                                       | \$ 13.50 |
| Lens Hood Only<br>112620                                          | \$ 9.95  |



Angle of View: 45° to 18°  
Magnification (Based on 50mm Lens): 1.1X to 2.7X  
No. of Elements: 13  
Filter Size: 58mm

**FL 100-200mm f/5.6 ZOOM LENS**

|                                                                        |          |
|------------------------------------------------------------------------|----------|
| <b>LENS SET, Includes Lens, Leather Case (Hood Built-In)</b><br>112179 | \$209.95 |
| Leather Case Only<br>112181                                            | \$199.95 |
| Leather Case Only<br>112183                                            | \$ 10.00 |



Angle of View: 24° to 12°  
Magnification (Based on 50mm Lens): 2X to 4X  
No. of Elements: 8  
Filter Size: 55mm

**FL 85-300mm f/5 ZOOM LENS**

|                                                                        |          |
|------------------------------------------------------------------------|----------|
| <b>LENS SET, Includes Lens, Leather Case (Hood Built-In)</b><br>112200 | \$578.50 |
| Leather Case Only<br>112198                                            | \$548.50 |
| Leather Case Only<br>112199                                            | \$ 30.00 |



Angle of View: 29° to 8°  
Magnification (Based on 50mm Lens): 1.7X to 3.5X  
No. of Elements: 10  
Filter Size: 72mm

\* Earlier version of FL 50mm f/1.4 Lens was #112149.  
\*\* Earlier version of FL 50mm f/1.8 Lens was #112102.

**FL 85mm f/1.8 TELEPHOTO LENS**

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| <b>LENS SET, Includes Lens, Leather Case, Lens Hood</b><br>112165 | \$149.95 |
| Leather Case Only<br>112166                                       | \$139.50 |
| Leather Case Only<br>112167                                       | \$ 6.95  |
| Lens Hood Only<br>112520                                          | \$ 7.50  |



Angle of View: 29°  
Magnification (Based on 50mm Lens): 1.7X  
No. of Elements: 5  
Filter Size: 58mm

**FL 100mm f/3.5 TELEPHOTO LENS**

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| <b>LENS SET, Includes Lens, Leather Case, Lens Hood</b><br>112175 | \$ 99.95 |
| Leather Case Only<br>112176                                       | \$ 87.50 |
| Leather Case Only<br>112187                                       | \$ 6.95  |
| Lens Hood Only<br>112519                                          | \$ 5.50  |



Angle of View: 24°  
Magnification (Based on 50mm Lens): 2X  
No. of Elements: 5  
Filter Size: 48mm

**FL 135mm f/3.5 TELEPHOTO LENS**

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| <b>LENS SET, Includes Lens, Leather Case, Lens Hood</b><br>112188 | \$109.95 |
| Leather Case Only<br>112189                                       | \$ 99.95 |
| Leather Case Only<br>112184                                       | \$ 4.50  |
| Lens Hood Only<br>112519                                          | \$ 5.50  |



Angle of View: 18°  
Magnification (Based on 50mm Lens): 2.7X  
No. of Elements: 4  
Filter Size: 48mm

**FL 135mm f/2.5 TELEPHOTO LENS**

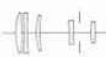
|                                                                   |          |
|-------------------------------------------------------------------|----------|
| <b>LENS SET, Includes Lens, Leather Case, Lens Hood</b><br>112185 | \$144.50 |
| Leather Case Only<br>112186                                       | \$129.50 |
| Leather Case Only<br>112187                                       | \$ 7.50  |
| Lens Hood Only<br>112520                                          | \$ 7.50  |



Angle of View: 18°  
Magnification (Based on 50mm Lens): 2.7X  
No. of Elements: 6  
Filter Size: 58mm

**FL 200mm f/4.5 TELEPHOTO LENS**

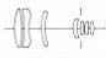
|                                                                        |          |
|------------------------------------------------------------------------|----------|
| <b>LENS SET, Includes Lens, Leather Case (Hood Built-In)</b><br>112181 | \$129.95 |
| Leather Case Only<br>112182                                            | \$124.95 |
| Leather Case Only<br>112194                                            | \$ 5.00  |



Angle of View: 12°  
Magnification (Based on 50mm Lens): 4X  
No. of Elements: 5  
Filter Size: 48mm

**FL 200mm f/3.5 TELEPHOTO LENS**

|                                                                        |          |
|------------------------------------------------------------------------|----------|
| <b>LENS SET, Includes Lens, Leather Case (Hood Built-In)</b><br>112195 | \$175.50 |
| Leather Case Only<br>112196                                            | \$167.00 |
| Leather Case Only<br>112197                                            | \$ 8.50  |



Angle of View: 12°  
Magnification (Based on 50mm Lens): 4X  
No. of Elements: 7  
Filter Size: 48mm

LONG TELEPHOTO LENSES fit all Canon SLR cameras (RP, RM, R-2000 FP, FL, TL-Q, FT-Q, Pellic and Pellic QL). They have a single control ring which is a manual aperture setting. These lenses do not have an automatic or pre-set diaphragm. Focusing is accomplished by using a Bellows R and a Lens Supporter which are interchangeable between lenses. Filters (48mm special extra thin) are inserted behind the lens in a carriage in the Lens Supporter. See page 26 for a listing of the special filters.

A Lens Supporter and Bellows R must be used with these lenses. An intermediate tube for proper spacing is also necessary, but the proper tube is included with each lens set.

**BELLOWS R (With Case)**

112144

\$55.00

**LENS SUPPORTER**

112042

\$49.00

**† 300mm f/4 LONG TELEPHOTO  
LENS SET**

112130 \$321.00

**CONSISTS OF:**

- 112131 Lens with Lens Hood
- 112043 Intermediate Tube
- 112132 Leather Carrying Case



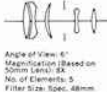
Angle of View: 8°  
Magnification (Based on 30mm Lens): 10x  
No. of Elements: 9  
Filter Size: Spec. 48mm

**† 400mm f/4.5 LONG TELEPHOTO  
LENS SET**

112140 \$471.00

**CONSISTS OF:**

- 112041 Lens with Lens Hood
- 112043 Intermediate Tube
- 112142 Leather Carrying Case



Angle of View: 6°  
Magnification (Based on 30mm Lens): 12x  
No. of Elements: 5  
Filter Size: Spec. 48mm

**† 600mm f/5.6 LONG TELEPHOTO  
LENS SET**

112160 \$550.00

**CONSISTS OF:**

- 112061 Lens with Lens Hood
- 112062 Intermediate Tube
- 112163 Metal Carrying Case



Angle of View: 4°  
Magnification (Based on 30mm Lens): 12x  
No. of Elements: 2  
Filter Size: Spec. 48mm

**† 800mm f/8 LONG TELEPHOTO  
LENS SET**

112180 \$650.00

**CONSISTS OF:**

- 112081 Lens with Lens Hood
- 112062 Intermediate Tube
- 112182 Metal Carrying Case



Angle of View: 3°  
Magnification (Based on 30mm Lens): 16x  
No. of Elements: 2  
Filter Size: Spec. 48mm

**† 1000mm f/11 LONG TELEPHOTO  
LENS SET**

112190 \$750.00

**CONSISTS OF:**

- 112091 Lens with Lens Hood
- 112092 Intermediate Tube
- 112193 Metal Carrying Case



Angle of View: 2.4°  
Magnification (Based on 30mm Lens): 20x  
No. of Elements: 2  
Filter Size: Spec. 48mm

† **IMPORTANT NOTE:** To use with a camera, a Lens Supporter and Bellows R are also necessary. See note of explanation at top of page. For proper filters, see page 26.

**SPECIFICATIONS OF FL AND LONG TELEPHOTO LENSES**

| Lens               | Type                 | Angle of View | Magnification Based upon 30mm Lens | Number of Elements | Aperture (f/stop) click stops down to | Minimum Focusing Distance Feet | Attachment Size (mm) | Filter (mm) | Weight Oz. |
|--------------------|----------------------|---------------|------------------------------------|--------------------|---------------------------------------|--------------------------------|----------------------|-------------|------------|
| FL 19mm f/2.8      | Super-wide angle     | 95°           | 38X                                | 11                 | 16                                    | 1.79                           | 80                   | Series #9   | 17.6       |
| FL 28mm f/3.5      | Wide-angle           | 75°           | 56X                                | 7                  | 16                                    | 1.5                            | 60                   | 58          | 8.5        |
| FL 35mm f/3.5      | Wide-angle           | 64°           | 71X                                | 7                  | 16                                    | 1.5                            | 50                   | 48          | 9.5        |
| FL 50mm f/2.5      | Wide-angle           | 64°           | 71X                                | 7                  | 16                                    | 1.5                            | 60                   | 58          | 12.0       |
| FLP 58mm f/2.5**   | Wide-angle           | 59°           | 76X                                | 4                  | 16                                    | 2.7                            | 60                   | 48          | 7.4        |
| FL 50mm f/3.5      | Standard (Macro)     | 48°           | 1X                                 | 4                  | 22                                    | 0.83                           | 60                   | 58          | 10.4       |
| FL 50mm f/1.8      | Standard             | 48°           | 1X                                 | 6                  | 16                                    | 2                              | 50                   | 48          | 9.8        |
| FL 50mm f/1.4      | Standard             | 48°           | 1X                                 | 6                  | 16                                    | 2                              | 60                   | 58          | 9.8        |
| FL 50mm f/1.4II    | Standard             | 48°           | 1X                                 | 7                  | 16                                    | 2                              | 60                   | 58          | 12.0       |
| FL 55mm f/1.2      | Standard             | 43°           | 1.3X                               | 7                  | 16                                    | 2                              | 60                   | 58          | 16.9       |
| FL 58mm f/1.2      | Standard             | 41°           | 1.2X                               | 7                  | 16                                    | 2                              | 60                   | 58          | 14.5       |
| FL 85mm f/1.8      | Long-focus           | 29°           | 1.7X                               | 5                  | 16                                    | 3.5                            | 60                   | 58          | 15.7       |
| FL 100mm f/3.5     | Telephoto            | 24°           | 2X                                 | 5                  | 22                                    | 3.5                            | 50                   | 48          | 9.8        |
| FL 135mm f/2.5     | Telephoto            | 18°           | 2.7X                               | 4                  | 22                                    | 5                              | 50                   | 40          | 15.3       |
| FL 135mm f/2.5     | Telephoto            | 18°           | 2.7X                               | 5                  | 16                                    | 6                              | 60                   | 58          | 22.5       |
| FL 200mm f/4.5     | Telephoto            | 12°           | 4X                                 | 5                  | 22                                    | 8                              | 50                   | 48          | 19.6       |
| FL 200mm f/3.5     | Telephoto            | 12°           | 4X                                 | 7                  | 22                                    | 8                              | 60                   | 58          | 24.0       |
| FL 55-155mm f/3.5  | Zoom                 | 43°-18°       | 1.1X-2.7X                          | 13                 | 22                                    | 7                              | 60                   | 58          | 27.9       |
| FL 100-200mm f/5.6 | Zoom                 | 21°-12°       | 2.4-4.3X                           | 8                  | 22                                    | 8                              | 57                   | 56          | 23.0       |
| FL 85-300mm f/5    | Zoom                 | 29°-8°        | 1.7X-6.6X                          | 15                 | 22                                    | 12                             | 75                   | 72          | 69.9       |
| R 300mm f/4        | Long-telephoto       | 8°            | 6X                                 | 5                  | 22                                    | 5                              | 100                  | Special†    | 43.0       |
| R 400mm f/4.5      | Long-telephoto       | 6°            | 8X                                 | 5                  | 22                                    | 10.2                           | 100                  | Special†    | 51.5       |
| R 600mm f/5.6      | Extra-long-telephoto | 4°            | 12X                                | 2                  | 32                                    | 20                             | 118                  | Special†    | 64.7       |
| R 800mm f/8        | Extra-long-telephoto | 3°            | 16X                                | 2                  | 32                                    | 44.3                           | 112                  | Special†    | 67.8       |
| R 1000mm f/11      | Extra-long-telephoto | 2.4°          | 20X                                | 2                  | 32                                    | 69                             | 100                  | Special†    | 64.7       |

\* For use with FL, FP, and FT. \*\* For use with Pellic and Pellic QL. \*\*\* With Life Size Adapter. † Special Extra Thin 48mm Filters, see page 26. NOTE: The weight of lenses over 200mm is of net weight (lens alone) and does not include lens supporter, intermediate tube, and Bellows R.

**LENS ACCESSORIES**

| Lens               | FILTER SIZE | LENS HOOD       |      | LENS CAP |           | DUST CAP (Rear) |          |          |        |
|--------------------|-------------|-----------------|------|----------|-----------|-----------------|----------|----------|--------|
| FL Lenses          | Series #9   | Part No.        | Type | Size     | Part No.  | Price           | Part No. | Price    |        |
| FL 19mm f/2.8      | 58mm        | 112171          | W-60 | \$4.50   | 60mm      | 112624          | \$3.00   | 112620   | \$1.00 |
| FL 28mm f/3.5      | 58mm        | 112172          | W-60 | \$6.50   | 60mm      | 112629          | \$1.50   | 112620   | \$1.00 |
| FL 35mm f/3.5      | 58mm        | 112173          | W-60 | \$8.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 35mm f/2.8      | 58mm        | 112620          | G-60 | \$9.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FLP 58mm f/2.8     | 48mm        | 112620          | G-60 | \$9.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 50mm f/1.8      | 48mm        | 112620          | G-60 | \$9.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 50mm f/1.4      | 58mm        | 112620          | G-60 | \$9.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 50mm f/1.4II    | 58mm        | 112620          | G-60 | \$9.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 55mm f/1.2      | 58mm        | 112620          | G-60 | \$9.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 58mm f/1.2      | 58mm        | 112620          | G-60 | \$9.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 85mm f/1.8      | 58mm        | 112620          | G-60 | \$9.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 100mm f/3.5     | 48mm        | 112620          | G-60 | \$9.95   | 50mm      | 112620          | \$1.50   | 112620   | \$1.00 |
| FL 135mm f/2.5     | 48mm        | 112620          | G-60 | \$9.95   | 50mm      | 112620          | \$1.50   | 112620   | \$1.00 |
| FL 135mm f/2.5     | 58mm        | 112620          | G-60 | \$9.95   | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 200mm f/4.5     | 48mm        | Built-In        |      | \$7.50   | 50mm      | 112620          | \$1.50   | 112620   | \$1.00 |
| FL 200mm f/3.5     | 58mm        | Built-In        |      |          | 60mm      | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 55-155mm f/3.5  | 58mm        | 112620          | G-60 | \$9.95   | 57mm/61mm | 112624          | \$1.75   | 112620   | \$1.00 |
| FL 100-200mm f/5.6 | 58mm        | Built-In        |      |          | 57mm/61mm | 112629          | \$1.00   | 112620   | \$1.00 |
| FL 85-300mm f/5    | 72mm        | Built-In        |      |          | 72mm      | 112527          | \$2.50   | 112620   | \$1.00 |
| R Lens (Manual)    |             |                 |      |          |           |                 |          |          |        |
| R 300mm f/4        | 48mm†       | Supplied w/Lens |      |          | 100mm†    |                 |          | Special† |        |
| R 400mm f/4.5      | 48mm†       | Supplied w/Lens |      |          | 100mm†    |                 |          | Special† |        |
| R 600mm f/5.6      | 48mm†       | Supplied w/Lens |      |          | 118mm†    |                 |          | Special† |        |
| R 800mm f/8        | 48mm†       | Supplied w/Lens |      |          | 112mm†    |                 |          | Special† |        |
| R 1000mm f/11      | 48mm†       | Supplied w/Lens |      |          | 100mm†    |                 |          | Special† |        |

© Special Order.

† Special Extra Thin Filters—see page 26.

† Also for Canonet QL 1.7, QL 1.9, QL 2.5, and QL 1.9c.

## INTRODUCTION TO CLOSE-UP ACCESSORIES

The Canon System includes a complete line of accessories for all types of close-up photography including photomacrography and photomicrography. To determine which accessory or group of accessories will best perform for a required job, follow these steps: 1) Ascertain accurately the size of the object to be photographed, 2) refer to the Usage Chart on the next page to see which combinations can be used, and 3) choose the accessory or combination of accessories which best suits your needs.

## CLOSE-UP LENSES

Canon close-up lenses provide an easy and economical way to photograph objects as large as 12½" x 8½" down to objects as small as 4½" x 3" (with normal lens). They are designed to thread into the filter threads of normal focal length lenses. Since no extension of the lens from the camera body is involved, no exposure correction is necessary. Close-up lenses come in two strengths: 450 or +2 diopter, and 240 or +4 diopter. The sizes available are 48mm and 58mm. The 450 close-up lens has a focusing range from the film plane of approximately 22" to 13", while the range of the 240 lens is approximately 13" to 10". Refer to the chart at the right for the proper lens type to photograph a given subject.

| Lens | Distance Scale     | Field of View in inches | Reduction Ratio |
|------|--------------------|-------------------------|-----------------|
| 450  | Infinity<br>2 feet | 12½" x 8½"<br>6½" x 4½" | 1/9<br>1/4.6    |
| 240  | Infinity<br>2 feet | 6½" x 4½"<br>4¼" x 3"   | 1/4.6<br>1/3.2  |

## MACRO LENS

The Canon FL 50mm F/1.5 Macro Lens is designed to provide continuous focusing from infinity (∞) to 0.2" (from the film plane), and to 6.2" with the Life Size Adapter. The lens alone will photograph objects as small as 2" x 2½" with the object filling the frame. With the Life Size Adapter attached to the lens, objects can be photographed so that the image size on the negative or slide is exactly the same size as the object (1:1 photography). The focusing collar of the lens provides 25mm extension, and the Life Size Adapter an additional 25mm extension. This total of 50mm extension makes 1:1 photography possible.

Exposure compensation for the extension due to close focusing is automatic for lens alone or with the adapter. As the lens is focused out for a subject at a close distance, the lens aperture automatically opens wider to compensate for the extension. The automatic diaphragm mechanism is automatic with or without the adapter installed. Separate scales for magnification and distance are provided for the lens alone or with the adapter.

## EXTENSION TUBES AND RINGS

Canon manufactures two types of extension rings and tubes, those with the FL designation, and those without. The FL tubes and rings have breech-lock mounts for use directly with FL lenses and breech-mount camera bodies. The 15mm and 25mm Extension Tubes FL have mechanisms which retain the automatic diaphragm feature of FL lenses. The tubes and rings without FL designations have Leica-type screw thread mounts on each end. To use them with breech-mount camera bodies and FL lenses, Lens Mount Converters A and B are needed. Converter A has an effective thickness of 2.8mm, while Converter B has a thickness of 13.2mm. Combined, as when used with rings or tubes, they will add up to an additional 16mm extension over that of the ring or tube itself.

## MACRO PHOTO COUPLERS

Macro Photo Couplers are used for reversing lenses in order to obtain the flattest field possible. They thread into the filter threads of the lens. When a lens is reversed on a camera body or on tubes, the focusing part of the lens is ineffective as the lens is mounted by its front ring. Macro Photo Couplers FL have a built-in focusing feature and a breech-lock mount. The standard Macro Photo Couplers (not designated FL) are non-focusing and have a Leica-type thread mount, therefore they must be used with a Converter A and an extension ring on breech-lock mount cameras or tubes.

## BELLOWS

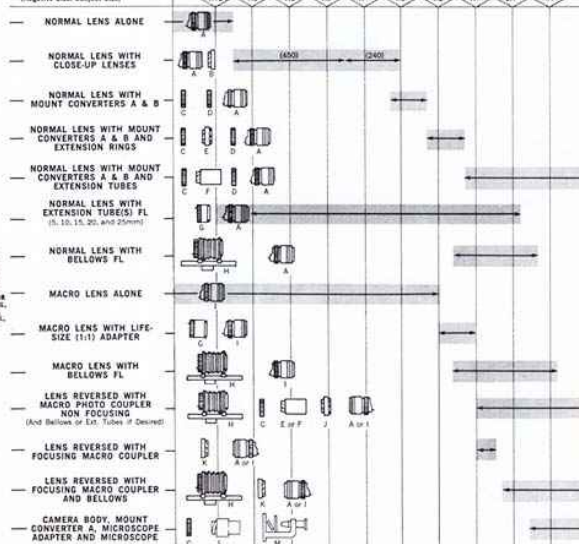
Especially designed for photomacrography, bellows are used to extend the lens away from the camera body with a variable amount of extension. They perform the same function as extension tubes but are more convenient and easy to use. The Bellows FL has a semi-automatic lens diaphragm actuating mechanism for use with FL lenses. This bellows also has three moving stages with lens extension and magnification scales. The Bellows R is designed primarily as the focusing system for Long Telephoto Lenses (see page 20), but by adding the Bellows R Adapter Ring, regular FL or R lenses can be used with it for photomacrography. Lenses used on the Bellows R must have the lens diaphragms set manually.

## MISCELLANEOUS

Many other accessories are available for close-up photography. These include the Photomicrographic Hood and Photomicro Unit F which are used for coupling a breech-lock mount camera body (or bellows) to a microscope. A complete listing of close-up accessories will be found on pages 24 and 25 of this section.

## COMBINATIONS AND USES OF CLOSE-UP ACCESSORIES

| APPROX. DIMENSIONS OF SUBJECT IN INCHES              | HEIGHT— | 8½"  | 7½"   | 5½"   | 4½"   | 3½"   | 2½"   | 2"    | 1½" | 1"  | ½"  | ¼"  |
|------------------------------------------------------|---------|------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|
| DIMENSIONS OF SUBJECT IN MILLIMETERS                 | HEIGHT— | 216  | 191   | 140   | 114   | 89    | 64    | 51    | 38  | 25  | 13  | 6   |
|                                                      | WIDTH—  | 240  | 182   | 144   | 120   | 96    | 72    | 48    | 36  | 24  | 12  | 6   |
|                                                      | WIDTH—  | 360  | 288   | 216   | 180   | 144   | 108   | 72    | 36  | 18  | 9   | 4   |
| LENS EXTENSION REQUIRED IN MILLIMETERS               |         | 5    | 6.3   | 6.3   | 10    | 12.5  | 16.6  | 25    | 30  | 100 | 100 | 200 |
| EXPOSURE FACTOR* (See Note Below)                    |         |      | 1.25X | 1.35X | 1.44X | 1.56X | 1.78X | 2.25X | 4X  | 8X  | 25X |     |
| RATIO OF MAGNIFICATION (Negative Size: Subject Size) |         | 1:10 | 1:8   | 1:6   | 1:5   | 1:4   | 1:3   | 1:2   | 1:1 | 2:1 | 4:1 |     |



A. FL 50mm F/1.5 LENS or FL 50mm F/1.5 LENS  
B. CLOSE-UP LENS  
C. MOUNT CONVERTER A (211125)  
D. MOUNT CONVERTER B (211126)  
E. EXTENSION RING (A, B, or C)  
F. EXTENSION TUBE FL (10, 15, 20, and 25mm)  
G. EXTENSION TUBE FL (10, 15, 20, and 25mm)

H. BELLOWS FL (211243)  
I. MACRO LENS FL (50mm F/1.5)  
J. MACRO PHOTO COUPLERS (non-focusing)  
K. MACRO PHOTO COUPLERS (focusing)  
L. PHOTOMICROGRAPHIC HOOD  
M. PHOTOMICRO UNIT F (211250)  
N. ANY MICROSCOPE

\*EXPOSURE FACTOR: When a lens is extended away from the camera body with extension tubes, rings, or bellows more light is required for a proper exposure. This is known as exposure factor. It may be calculated by the following formula: EX = 1 + (E/M)², where EX is exposure factor and E is the magnification expressed as a fraction. For example, with 50mm extension on a normal lens the factor is 4X. This means 4 times as much light is needed. Therefore, you must open the lens 2 F stops, or divide the shutter speed by 4. Exposure factor F is necessary when using cameras with through-the-lens meters. (Fellie QL, Pellic, TL, and FT.)

## BELLOWS FL

Designed especially for photomicrography, has semi-automatic aperture actuating device. 3 controls move lens, body, or entire assembly. Has lens extension and magnification scale, stability shut. Minimum effective extension—35mm. All controls have locks.

112143 \$89.95



112143

## SLIDE DUPLICATOR FL

Attaches to front of Bellows FL for copying of mounted or unmounted 35mm slides or negatives. Can be used with 50mm f/3.5, 1.4, 1.8l lenses or 50mm f/1.2 lens. Has light diffusion glass. Magnification variable from 1X to 1.6X.

112141 \$34.50



112141

## COPY STAND 3F

For precise copy work, photomicrography, and photomicroscopy. Includes base board, stanchion, carrying arm, camera holder R4, and storage case. Camera holder fits FP, FX, TL-QL, FT-QL, and Pellix cameras. Easily assembled and disassembled.

112685 \$99.95



112685

## HANDY STAND F

Easy-to-use copy stand for table use. Can be assembled and disassembled quickly. Features light weight and small size. For Canon SLR cameras with lenses of 40mm and 50mm filter sizes. With 5mm extension ring. Copies objects 5" x 7 1/2" to 10 1/2" x 15 1/2".

112697 \$34.50



112697

## CAMERA HOLDER R-4

Holds Pellix QL, Pellix, FT-QL, TL-QL, FX, or FP cameras firmly for precise work. Cradles the camera firmly in a perfect horizontal or vertical plane. Important for use on copy stands and whenever precise alignment is necessary. Complete with leather case.

112641 \$13.95



112641

## BOOSTER FOR FT-QL AND PELLIX QL METERS

Snaps onto accessory shoe of camera and plugs into camera's battery compartment. Increases camera meter range down to EV minus 4.5 (Pellix QL) and EV minus 3.5 (FT-QL). Excellent for night photography, photomicroscopy, and photomicrography.

112665 \$59.95



112665

## BELLOWS R

Designed primarily as a focusing system for Long Telephoto Lenses (see page 20). Can be used for photomicrography with Adapter Ring 112625 (included). Does not have aperture actuating system. With case.

112144 \$55.00

Extra Bellows R Adapter Ring 112625 \$ 5.95



112144

## WAIST LEVEL OR RIGHT ANGLE VIEWER

For low-angle photography, copy work on Copy Stand 3F, and photomicrography. Attaches to eyepiece of FP, FX, TL-QL, FT-QL, and Pellix cameras. Has 360° rotation with 90° internal click stops. Eyepiece is adjustable for individual eyesight. With case.

112629 \$21.95



112629

## TABLE CLAMP FOR COPY STAND

Attaches to table top and supports Copy Stand 3F stanchion. Eliminates need for baseboard. Designed with leveling platform and C-clamp type tightening screw. Stanchion screws directly into clamp. Fits table tops with maximum thickness of 1 1/2".

112694 \$19.95



112694

## PHOTOMICRO UNIT F

For mounting SLR camera body directly on microscope draw tube. Unit has FL mount for direct use on breech-lock camera body. Attaches directly to any standard microscope tube with 25mm diameter. Shading tube and microscope focus locking ring included.

112698 \$24.95



112698

## PHOTOMICROGRAPHIC HOOD

Expandable light hood adapts camera or accessories to ocular of microscope. Has screw thread mount (Leica type) on camera side so it must be used with Mount Converter A (112135) when used with a reflex camera body or Bellows FL. All metal construction.

112549 \$7.50



112549

## LOCKING CABLE RELEASE

All-metal construction, has built-in lock for keeping shutter open when shutter is set on B. Overall length approximately 10 inches. Essential for short or long time exposures when camera is on a tripod or copy stand. For all Bell & Howell/Canon cameras.

112502 \$2.25



112502

## FL 50mm f/3.5 MACRO LENS SET

Has extremely flat field. Continuous focusing from infinity to 9.2" (from film plane), and to 8.2" with Life Size (1:1) Adapter for same-size photography. Aperture automatically compensates for extension as lens is focused. Automatic diaphragm. Complete set with adapter and case.

112169 \$169.95



112169

## CLOSE-UP LENS 240

Screws into front of camera lens for focusing range of approximately 10" to 13". Exposure compensation not necessary. 14 diopter. With case.

For 58mm Filter Threads

112134 \$19.95

For 48mm Filter Threads \$13.95



112139

## EXTENSION RING FL SET

Set contains one 5mm, one 10mm, and two 20mm rings. Can be used with Extension Tubes FL (below) if desired. This set alone will give extensions of 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, and 55mm. Rings fit FL lenses and breechlock mount camera bodies without adapters.

112214 \$29.95



112214

## EXTENSION TUBES FL

Two sizes of Extension Tubes FL available. Both have automatic aperture actuating systems. 25mm tube same as Life Size Adapter available with Macro Lens Set.

15mm Extension Tube FL 112240 \$19.50

25mm Extension Tube FL 112178 \$10.50



112178

## EXTENSION RINGS

Have Leica-type screw-mounts. Converters A and B required on Canon SLR. Extension Ring Set (A, B, and C) 112680 \$7.00

Extension Ring A (6mm) 112590 \$2.35

Extension Ring B (8mm) 112591 \$2.50

Extension Ring C (12mm) 112592 \$2.75



112590

## MACRO PHOTO COUPLERS (Non-Focusing)

For reversing camera lens on camera body or an extension ring or tubes. See page 22 for adaptation requirements.

For 58mm Filter Thread 112595 \$4.95

For 48mm Filter Thread 112596 \$3.95

For 40mm Filter Thread 112597 \$2.95

For 50mm Filter Thread 112595 \$3.95



112595

## CLOSE-UP LENS 450

Screws into front of camera lens for focusing range of approximately 13" to 22". Exposure compensation not necessary. +2 diopter. With case.

For 58mm Filter Threads 112133 \$15.95

For 48mm Filter Threads 112701 \$14.50



112701

## CLOSE-UP LENS 1800

Designed specifically for use on the FL 55 → 135mm f/3.5 Zoom Lens. Screws into front of lens and changes closeup focusing capability to a range of 79" to 43". Full zoom range of lens is retained. Approximately +5 diopter. With directions and plastic case.

112129 \$14.50



112129

## EXTENSION RING FL

Rings from set (112214, at left) available individually.

5mm Extension Ring FL 112211 \$7.95

10mm Extension Ring FL 112212 \$7.95

20mm Extension Ring FL 112213 \$7.95



112212

## LENS MOUNT CONVERTERS A AND B

Converter A allows accessories or lenses with screw-thread mounts to be used on Canon SLR bodies or accessories. Thickness 2.8mm. Converter B allows lenses or accessories with a breechlock mount to be used on screw-thread bodies. Thickness 13.2mm.

Lens Mount Converter A 112135 \$11.50

Lens Mount Converter B 112693 \$ 9.50



112693

## EXTENSION TUBES

Have Leica-type thread screw-mounts. Converters A and B required for SLR use.

112589 (25mm) \$3.50

112590 (50mm) \$4.50

112591 (75mm) \$5.95

112592 (100mm) \$7.50

112593 (150mm) \$9.95

112594 (200mm) \$12.50

112599 (Set) \$43.00



112591

## MACRO PHOTO COUPLERS FL (Focusing)

For reversing camera lens on camera body or an Extension Tubes FL. Have focusing collar for limited focusing capability with lens reversed. See page 22 for further information.

For 58mm Filter Thread 112242 \$34.50

For 48mm Filter Thread 112241 \$34.50



112242

## VERSATILE SCREW-IN FILTERS

| Type           | Exposure Factor | Uses and Effects FOR BLACK AND WHITE FILM                                                                                          | 40mm   | 48mm   | 55mm   | 58mm    | 72mm    |
|----------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|---------|---------|
| UV             | none            | Absorbs only ultraviolet light. Useful in subduing haze in mountain, sea, and other scenes. Can also be used with color film.      | \$6.50 | \$7.95 | \$9.25 | \$12.50 | \$18.95 |
| Y1             | 1.5X            | For natural effects. Darkens sky to bring out clouds, lightens foliage and yellow subjects. Improves marine and snow scenes.       | 112545 | 112555 | 112565 | 112575  | 112585  |
| Y3             | 2X              | Has the same effect as the Y1 filter but to a greater degree. Makes landscapes and scenic pictures more dramatic and interesting.  | 112540 | 112550 | 112560 | 112570  | N/A     |
| G1             | 3X              | Useful for outdoor portraits as it darkens the sky while retaining normal skin tones. Lightens foliage and improves texture.       | 112541 | 112551 | 112561 | 112571  | 112581  |
| O1             | 3X              | Cuts haze in landscapes and aerial pictures. Lightens red and yellow subjects, darkens considerably the sky and blue subjects.     | 112543 | 112553 | 112563 | 112573  | N/A     |
| R1             | 6X              | Darkens sky considerably and lightens reds. With underexposure, gives moonlight effects. Must be used with infrared film outdoors. | 112542 | 112552 | 112562 | 112572  | N/A     |
|                |                 |                                                                                                                                    | 112544 | 112554 | 112564 | 112574  | 112584  |
| FOR COLOR FILM |                 |                                                                                                                                    |        |        |        |         |         |
| 1A Skylight    | none            | For all daylight color films. Use for distant snow or mountain scenes, on overcast days, and in open shade to reduce blue.         | 112319 | 112334 | 112349 | 112364  | 112416  |
| 80B            | *               | Use to balance photofoods (3400°K) for use with daylight-type color films. Corrected film speed listed in film instructions.       | 112320 | 112335 | 112350 | 112365  | N/A     |
| 80C            | *               | Use to balance clear flashbulbs (aluminum-filled types M2, S, 25) with daylight films. Use blue bulb guide numbers.                | 112323 | 112338 | 112353 | 112368  | 112418  |
| 81A            | *               | Yellowish color filter, use to balance Type B film with photofood lighting (3400°K). Exposure increase necessary is 1/3 stop.      | 112321 | 112336 | 112351 | 112366  | 112419  |
| 82A            | *               | Bluish color filter, use to balance Type A film with professional-type lighting (3200°K). Exposure increase is 1/3 stop.           | 112322 | 112337 | 112352 | 112367  | 112420  |
| 85             | *               | Use with indoor-type color films (Type A) in daylight or with blue flashbulbs. Corrected film speed listed in film instructions.   | 112316 | 112331 | 112346 | 112361  | 112415  |
| 85B            | *               | Use with indoor-type color films (Type B) in daylight or with blue flashbulbs. Corrected film speed listed in film instructions.   | 112317 | 112332 | 112347 | 112362  | 112417  |

\* Exposure factors for these filters are incorporated into corrected film speeds found in the film instructions or filter information sheets.

## SPECIAL EXTRA THIN 48mm FILTERS FOR LONG TELE-

PHOTO LENSES (Refer to Page 20)

| Size | Type | Part No. | Price  |
|------|------|----------|--------|
| 48mm | Y-1  | 112324   | \$9.95 |
| 48mm | Y-3  | 112325   | \$9.95 |
| 48mm | R-1  | 112326   | \$9.95 |
| 48mm | UV   | 112327   | \$9.95 |
| 48mm | G-1  | 112328   | \$9.95 |
| 48mm | 85   | 112329   | \$9.95 |
| 48mm | 85B  | 112330   | \$9.95 |

## POLARIZING FILTERS (Reduces Reflections)

|      |        |         |
|------|--------|---------|
| 48mm | 112339 | \$19.95 |
| 58mm | 112360 | \$19.95 |

## NEUTRAL DENSITY FILTERS

|      |           |        |         |
|------|-----------|--------|---------|
| 48mm | Type ND 4 | 112750 | \$8.95  |
| 48mm | Type ND 8 | 112751 | \$8.95  |
| 58mm | Type ND 4 | 112753 | \$12.50 |
| 58mm | Type ND 8 | 112754 | \$12.50 |

## Canon Model 7S

MODEL 7S  
(12CD)

**BUILT-IN HIGHLY SENSITIVE Cds METER:** With Hi-Lo sensitivity switch. Coupled to shutter speed. Sensitivity range EV 2-19, ASA 6-400.

**CRYSTAL CLEAR NEUTRAL COLOR VIEWING:** Half mirrors incorporate new zinc-sulfide coating technique.

**PARALLAX CORRECTED "MARK" VIEWFINDER:** Bright frame system permits use of 35mm, 50mm, 55mm, 85mm, 100mm and 135mm lenses with the same viewfinder. Fully parallax corrected for all these lenses at any distance. Magnification 0.8x.

**UNIVERSAL RANGEFINDER:** Double image rangefinder system sets precise focus for all Canon lenses at any distance.

**ALL METAL FOCAL PLANE SHUTTER:** Synchronized for all types of flash and flash bulbs. Equally calibrated speeds from 1 second to 1/1000 seconds plus Bulb and Time and "X" (for electronic flash). Built in self-timer. The finest quality titanium shutter is impervious to heat, cold, moisture and troublesome pinholing. With safety lock.

**COMPLETE "SYSTEM" PHOTOGRAPHY:** The Model 7 camera accepts a wide range of lenses from 10mm to 1000mm in standard thread mounts, as well as the unique bayonet mounts of the 50mm f/0.95, M-series lenses, and the compact reflex housing MB-2.

**SINGLE STROKE WINDING LEVER:** Rapid, "thumb-operated" winding lever, advances film, cocks shutter and advances "self-rotating" exposure counter. Fast crank system film rewind.

**OTHER FEATURES:** Built-in, 10 second delay, self-timer . . . double exposure prevention . . . exclusive, anti-film-curl roller . . . corollary, direct socket for flash and electro-flash synchronization . . . shutter button safety lock which prevents accidental exposure . . . twin-safety locked back cover . . . built in accessory shoe over optical center of camera.

|                                       |             |                 |
|---------------------------------------|-------------|-----------------|
| Model 7S Camera with 50mm f/1.8 Lens  | <b>12CA</b> | <b>\$285.95</b> |
| Model 7S Camera with 50mm f/1.4 Lens  | <b>12CB</b> | <b>\$323.95</b> |
| Model 7S Camera with 50mm f/1.2 Lens  | <b>12CC</b> | <b>\$382.95</b> |
| Model 7S Camera with 50mm f/0.95 Lens | <b>12CD</b> | <b>\$482.95</b> |
| Model 7S Camera Body Only             | <b>12C</b>  | <b>\$179.95</b> |

**CAMERA ACCESSORIES AND LIGHTING EQUIPMENT**

**CAMERA ACCESSORIES**



For Model 7 and 7S.  
040375

**DELUXE PRESENTATION CASE**  
Satin etched, anodized aluminum trim on rich black case. Padded Boule corduroy cradles and protects your camera and accessories. Room for camera with wide angle or normal lens attached. Precisely fitted compartments for a Wide Angle and a Telephoto Lens. Sectioned for accessory flash gun in case, several rolls of film, filters and self storing lens hood.

**\$39.95**



For Model 7S with f/0.95 lens.  
112671

**EVEREADY CARRYING CASE**  
Top grain cowhide. Camera is held firmly in place by a base-mounted locking screw. With carrying strap. For Model 7 Camera with any normal lens.

**112001 \$21.95**

**112671 \$21.95**



**CANON EVEREADY CARRYING CASE**  
Made of durable top grain cowhide, the case is tanned to a rich, luxurious finish. Locking screw holds camera firmly in place. With carrying strap.

For Model 7S and any normal or wide angle lens except 50mm F/0.95.  
**112670 \$17.95**

**ACCESSORY COUPLER**

When using a clip-on type speedlight on the Model 7 only, the Accessory Coupler should be used. The Accessory Coupler, which has an accessory clip, is also used to couple the viewfinder when using 25mm lenses or other accessories with a shoe.

**112505 \$9.95**

**LENS OPENING COVER**

Included with lens and camera. Also available separately.

**112506 \$ .50**

**LOCKING CABLE RELEASE**

All-metal cable release for "rock-steady" exposures. Features built-in lock for long exposures.

**112502 \$2.25**

**LIGHTING EQUIPMENT AND ACCESSORIES**



**FLASH UNIT V3**  
For Model 7 and 7S. 15 volt battery—Capacitor Flash Gun. Adjustable mounting bracket fits any accessory shoe. 3 way socket accepts all 3 bulb sizes. 90° swivel head for bounce flash. Built-in test flash, bulb ejector, open flash button and exposure scale. 5" folding reflector. (Reflector shown in closed position.) Three V3 units can be flashed simultaneously with connected extension cord. Includes case.

**112628 \$16.95**

**EXTENSION CORD Va (15)**

**112515 \$4.95**

**EXTENSION CORD Vb (3)**

**112513 \$3.75**

**AG-1 ADAPTER**

For use in earlier Flash Unit V with AG-1 flash bulbs. Single plug in adapter.

**112588 \$1.25**

**WORLD FAMOUS CANON LENSES**

Canon lenses are held in the highest esteem by professional and discerning amateur photographers the world over for their unsurpassed excellence, unique optical design and precision engineering. Each lens produces the highest resolution, contrast, fidelity, and color fidelity. They are SpectraCoated™ internally and externally to insure maximum color and tone balance, greater light transmission, and complete elimination of flare. Superb optical performance, coupled with reduction in weight and design refinement, has made these lenses famed throughout the world.

**WIDE ANGLE LENSES...** permit the coverage of expansive scenery, close-ups, groups and situations where there is little freedom for camera movement. The shorter focal length permits a greater depth of field resulting in increased picture realism.



25mm F/3.5

**19mm F/3.5 Super Wide-Angle Lens Set, includes Lens, 19mm Finder, Leather Case (Use 55mm Filter)**

**112235 \$253.95**

**25mm F/3.5 Lens, Built-in Lens Hood (Use 40mm Filter)**

**112003 \$176.00**

25mm Viewfinder in Case.†

**112004 \$18.95**

Leather Case for 25mm Lens.

**112005 \$5.95**

Accessory Coupler.

**112505 \$9.95**



28mm F/2.8

**28mm F/2.8 Lens, Built-in Lens Hood (Use 40mm Filter)**

**112006 \$161.00**

28mm Viewfinder in Case.†

**112007 \$15.95**

Leather Case for 28mm Lens.

**112008 \$4.95**

Accessory Coupler.

**112505 \$9.95**



35mm F/1.5

**35mm F/2.0 Lens, Built-in Lens Hood (Use 40mm Filter)**

**112009 \$144.00**

**35mm F/1.5 Lens, Built-in Lens Hood (Use 48mm Filter)**

**112011 \$181.00**

Leather Case for 35mm F/1.8, F/2.0 or F/2.8 Lens.

**112012 \$5.95**

Leather Case for 35mm F/1.5 Lens.

**112013 \$5.95**

Note †To use the 25mm or 28mm Viewfinder on the Model 7 the Accessory Coupler must be used.

## MODEL 7 ACCESSORIES

**NORMAL FOCUS LENSES...** Multi purpose 50mm lenses are ideal for general photography such as portraiture and scenic pictures, as well as for close-ups and copying.



50mm F/0.95



50mm F/1.2



50mm F/1.4

### 50mm F/0.95 Lens (Use 72mm Filter)

This is the world's fastest lens... 2.2 times as fast as F/1.4. Ideally corrected for aberration, it produces corner to corner sharpness. Revolutionary lens coating assures true, natural color.

**112031**

**\$304.00**

### 50mm F/1.2 Lens (Use 55mm Filter)

**112030**

**\$202.00**

### 50mm F/1.4 Lens (Use 48mm Filter)

**112029**

**\$144.00**

### 50mm F/1.8 Lens (Use 40mm Filter)

**112028**

**\$105.00**

### 50mm F/2.8 Lens (Use 40mm Filter)

**112065**

**\$50.00**

Leather Case for 50mm F/2.8, F/1.8 and F/1.4 Lens.

**112032**

**\$5.95**

Leather Case for 50mm F/1.2 Lens.

**112033**

**\$5.95**

Leather Case for 50mm F/0.95.

**112034**

**\$9.95**

**LONG FOCUS LENSES...** Produces the natural perspective that is so perfect for portraiture. Highly suited as well for news pictures, sports events, commercial photography and for stage show pictures.



85mm F/1.8

### 85mm F/1.8 Lens (Use 58mm Filter)

**112035**

**\$161.00**

Leather Case for 85mm F/1.8 Lens.

**112036**

**\$6.95**

### 85mm F/1.5 Lens (Use 58mm Filter)

**112884**

**\$235.00**

Leather Case for 85mm F/1.5 Lens.

**112167**

**\$6.95**

**TELEPHOTO LENSES...** Ideally suited for vivid shots of distant scenes and hard to reach subjects. Perfect for sporting events. The natural perspective, even at short ranges make them suitable for general photography and portraiture.



100mm F/2.0

### 100mm F/3.5 Lens (Use 40mm Filter)

**112014**

**\$95.00**

### 100mm F/2.0 Lens (Use 58mm Filter)

**112015**

**\$161.00**

### 135mm F/3.5 Lens (Use 48mm Filter)

**112018**

**\$130.00**

Leather Case for 100mm F/3.5 Lens.

**112016**

**\$6.95**

Leather Case for 100mm F/2.0 Lens.

**112017**

**\$6.95**

Leather Case for 135mm F/3.5 Lens.

**112019**

**\$6.95**

## MODEL 7 ACCESSORIES

## WORLD FAMOUS CANON LENSES

### TELEPHOTO AND LONG TELEPHOTO M LENSES...

Include the M 135mm F/2.5 and M200mm F/3.5. These telephoto and long telephoto pre-set type lenses are designed to be used exclusively in combination with the new extremely compact Reflex Housing MB-2 on the Model 7 camera. They both have Canonflex-type bayonet mounts, aperture click stops down to 1/22, and magenta coating.



M135mm F/2.5

### \* M 135mm F/2.5 Set for Model 7 (Use 58mm Filter)

**112020**

**\$99.95**

M135 Lens Set consists of following items, available separately upon request. Order Reflex Housing MB-2 separately.

M 135mm F/2.5 lens

**112021**

Lens Hood T-60

**112520**

Leather Carrying Case

**112024**



M200mm F/3.5

### \* M 200mm F/3.5 Set for Model 7 (Use 58mm Filter)

**112025**

**\$119.95**

M200 Lens Set consists of the following items, available separately upon request. Order Reflex Housing MB-2 separately.

M 200mm F/3.5 lens

**112026**

Lens Hood T-60

**112520**

Leather Carrying Case

**112027**

Reflex Housing MB-2 (Mirror Box 2)

Compact Reflex Housing for use with Model 7 and both M-Series lenses.

**112022**

**\$50.00**

\* IMPORTANT NOTE: A complete set should also include the MB-2 Reflex Housing which is interchangeable between both sets.

**LONG TELEPHOTO LENSES...** Extremely powerful in magnification and dramatic in telephoto effect. Best suited for photographing close-ups of wildlife and the vivid details of distant small subjects. Features the new compact Reflex Housing MB-2 with ground glass focusing.



400m F/4.5

### \* 400mm F/4.5 Set for Model 7 (Use 48mm Filter)

**112040 Y**

**\$471.00**

400mm Lens Set consists of the following items, available separately upon request. Order Reflex Housing MB-2, lens supporter and Bellows R separately.

400mm F/4.5 Model 2 Lens With Lens Hood.

**112041**

Intermediate Tube

**112043**

Carrying Case

**112045**



600mm F/5.6

### \* 600mm F/5.6 Set for Model 7 (Use 48mm Filter)

**112060 Y**

**\$550.00**

600mm Lens Set consists of the following items, available separately upon request. Order Reflex Housing MB-2, lens supporter and Bellows R separately.

600mm F/5.6 Lens with Lens Hood.

**112061**

Intermediate Tube

**112062**

Carrying Case

**112063**

\* IMPORTANT NOTE: A complete set for the long telephoto lenses should include the Reflex Housing MB-2, Lens Supporter and Bellows R which are all interchangeable among sets.  
▼ SPECIAL ORDER: Allow 8 weeks for delivery.

**WORLD FAMOUS CANON LENSES**
**800mm F/8 Set for Model 7 (Use 48mm Filter)**
**112080 Y**
**\$650.00**


800mm Lens Set consists of the following items, available separately upon request. Order Reflex Housing MB-2, lens supporter and Bellows R separately.

**800mm F/8 Model 2 Lens with Lens Hood. 112081**
**Intermediate Tube 112062 Carrying Case 112082**
**1000mm F/11 Set for Model 7 (Use 48mm Filter)**
**112090 Y**
**\$750.00**


1000mm Lens Set consists of the following items, available separately upon request. Order Reflex Housing MB-2, lens supporter and Bellows R separately.

**1000mm F/11 Lens with Lens Hood. 112091**
**Intermediate Tube 112092 Carrying Case 112093**
**Accessories for use with Long and Extra-Long**
**Bellows R with case 112144 \$ 55.00**
**Lens Supporter 112042 \$ 49.00**
**Reflex Housing MB-2 112022 \$50.00**

1 IMPORTANT NOTE: A complete set for the long telephoto lenses should include the Reflex Housing MB-2, Lens Supporter and Bellows R which are all interchangeable among sets.  
\* SPECIAL ORDER. Allow 8 weeks for delivery.

**CANON LENS SPECIFICATIONS**

| Type                 | Angle of View | Magnification | No. of Elements | Net Weight |        | Barrel      | Att'mt Size Series | Aperture (if slope) Click Stops | Focusing Range |           | Coating |
|----------------------|---------------|---------------|-----------------|------------|--------|-------------|--------------------|---------------------------------|----------------|-----------|---------|
|                      |               |               |                 | (oz.)      | (lb.)  |             |                    | down to                         | in feet        | in meters |         |
| Wide-Angle           |               |               |                 |            |        |             |                    |                                 |                |           |         |
| 19mm F3.5            | 96°           | 0.38X         | 9               | 5.3        | 150    | Brass       | 55mm               | 16                              | 1.75~          | 5~        | Purple  |
| 25mm F3.5            | 82°           | 0.5X          | 5               | 5          | 145    | Brass       | 40mm               | 22                              | 3.5~50         | 1~20      | Purple  |
| 28mm F2.8            | 75°           | 0.56X         | 6               | 5.6        | 160    | Brass       | 40mm               | 22                              | 3.5~50         | 1~20      | Magenta |
| 28mm F3.5            | 75°           | 0.56X         | 6               | 4.2        | 120    | Light Alloy | 40mm               | 22                              | 3.5~50         | 1~20      | Purple  |
| 35mm F1.5            | 64°           | 0.7X          | 8               | 6.5        | 185    | Light Alloy | 48mm               | 22                              | 3.5~50         | 1~20      | Amber   |
| 35mm F1.8            | 64°           | 0.7X          | 7               | 4.4        | 125    | Light Alloy | 40mm               | 22                              | 3.5~50         | 1~20      | Amber   |
| 35mm F2.8            | 64°           | 0.7X          | 5               | 4.4        | 125    | Light Alloy | 40mm               | 22                              | 3.5~50         | 1~20      | Purple  |
| Normal-Focus         |               |               |                 |            |        |             |                    |                                 |                |           |         |
| 50mm F0.95           | 46°           | 1.0X          | 7               | 21         | 605    | Light Alloy | 72mm               | 16                              | 3.5~50*        | 1~20*     | Amber   |
| 50mm F1.2            | 46°           | 1.0X          | 7               | 11.4       | 322    | Light Alloy | 55mm               | 22                              | 3.5~50         | 1~20      | Amber   |
| 50mm F1.4            | 46°           | 1.0X          | 6               | 8.6        | 246    | Light Alloy | 48mm               | 22                              | 3.5~50         | 1~20      | Amber   |
| 50mm F1.8            | 46°           | 1.0X          | 6               | 9.5        | 270    | Light Alloy | 40mm               | 22                              | 3.5~50         | 1~20      | Amber   |
| Long-Focus           |               |               |                 |            |        |             |                    |                                 |                |           |         |
| 85mm F1.8            | 29°           | 1.7X          | 5               | 24         | 680    | Light Alloy | 58mm               | 22                              | 3.5~60         | 1~20      | Magenta |
| Telephoto            |               |               |                 |            |        |             |                    |                                 |                |           |         |
| 100mm F2             | 24°           | 2.0X          | 6               | 18.3       | 515    | Light Alloy | 58mm               | 22                              | 3.5~100        | 1~30      | Amber   |
| 100mm F3.5           | 24°           | 2.0X          | 5               | 7.7        | 220    | Light Alloy | 40mm               | 22                              | 3.5~100        | 1~30      | Purple  |
| 135mm F3.5           | 18°           | 2.7X          | 4               | 15.5       | 438    | Light Alloy | 48mm               | 22                              | 5~200          | 1.5~60    | Magenta |
| **M135mm F2.8        | 18°           | 2.7X          | 6               | 17.6       | 591    | Light Alloy | 58mm               | 22                              | 5~100*         | 1.5~30*   | Magenta |
| Long-Telephoto       |               |               |                 |            |        |             |                    |                                 |                |           |         |
| **M200mm F3.5        | 12°           | 4.0X          | 7               | 21.4       | 610    | Light Alloy | 58mm               | 22                              | 8~150*         | 2.5~50*   | Magenta |
| 200mm F3.5           | 12°           | 4.0X          | 7               | 32         | 850    | Light Alloy | 58mm               | 22                              | 10~300         | 3~100     | Purple  |
| Extra-Long-Telephoto |               |               |                 |            |        |             |                    |                                 |                |           |         |
| **400mm F4.5         | 6°            | 8.0X          | 5               | 8.8 lbs.   | 3 kg   | Light Alloy | Special            | 22                              | 26~1000        | 8~200     | Magenta |
| **600mm F5.6         | 3.3°          | 12.0X         | 2               | 4.0 lbs.   | 1.8 kg | Light Alloy | Special            | 32                              | 17~            | 5~        | Purple  |
| **800mm F8           | 2.5°          | 16.0X         | 2               | 4.2 lbs.   | 1.9 kg | Light Alloy | Special            | 32                              | 30~            | 9~        | Purple  |
| **1000mm F11         | 2°            | 20.0X         | 2               | 4.0 lbs.   | 1.8 kg | Light Alloy | Special            | 32                              | 90~            | 27~       | Purple  |

\* Special bayonet-mount M-type lens used for the Model 7 only.

\*\* Bayonet-mount-type lens used in combination with Mirror Box 2.

▼ SPECIAL ORDER. Allow 8 weeks for delivery.

**LENS ACCESSORIES**

| LENS          | Filter Size | Lens Hood | Lens Cap           | Dust Cap      | Auto-Ups <sup>1</sup> with Case |
|---------------|-------------|-----------|--------------------|---------------|---------------------------------|
| 19mm F/3.5    | 55mm        | —         | —                  | —             | —                               |
| 25mm F/3.5    | 40mm        | Built-in  | 112523             | \$ .75        | 112528 \$1.20                   |
| 28mm F/2.8    | 40mm        | Built-in  | 112523             | \$ .75        | 112529 \$1.00                   |
| 28mm F/3.5    | 40mm        | Built-in  | 112523             | \$ .75        | —                               |
| 35mm F/1.5    | 48mm        | Built-in  | 112524             | \$ .75        | 112530 \$ .75                   |
| 35mm F/1.8    | 40mm        | Built-in  | 112523             | \$ .75        | 112530 \$ .75                   |
| 35mm F/2.8    | 40mm        | Built-in  | 112523             | \$ .75        | 112530 \$ .75                   |
| 50mm F/0.95   | 72mm        | 112522    | \$ 9.95            | 112527 \$2.50 | 112532 \$1.95                   |
| 50mm F/1.2    | 55mm        | 112521    | \$ 7.95            | 112526 \$1.00 | 112530 \$ .75 57mm              |
| 50mm F/1.4    | 48mm        | 112517    | \$ 6.50            | 112524 \$ .75 | 112530 \$ .75 50mm              |
| 50mm F/1.8    | 40mm        | 112516    | \$ 5.95            | 112523 \$ .75 | 112530 \$ .75 42mm              |
| 85mm F/1.5    | 58mm        | 112576    | \$ 7.50            | 112526 \$1.00 | 112530 \$ .75                   |
| 85mm F/1.8    | 58mm        | 112520    | \$ 7.50            | 112526 \$1.00 | 112530 \$ .75                   |
| 100mm F/2     | 58mm        | 112520    | \$ 7.50            | 112526 \$1.00 | 112530 \$ .75                   |
| 100mm F/3.5   | 40mm        | 112518    | \$ 4.95            | 112523 \$ .75 | 112530 \$ .75                   |
| 135mm F/3.5   | 48mm        | 112519    | \$ 4.95            | 112524 \$ .75 | 112530 \$ .75                   |
| M135mm F/2.5  | 58mm        | 112520    | \$ 7.50            | 112526 \$1.00 | 112531 \$1.00                   |
| M-200mm F/3.5 | 58mm        | 112520    | \$ 7.50            | 112526 \$1.00 | 112531 \$1.00                   |
| 400mm F/4.5   | 48mm        | Built-in  | 100mm <sup>3</sup> | Special Order | —                               |
| 600mm F/5.6   | 48mm        | Built-in  | 118mm <sup>3</sup> | Special Order | —                               |
| 800mm F/8     | 48mm        | Built-in  | 112mm <sup>3</sup> | Special Order | —                               |
| 1000mm F/11   | 48mm        | Built-in  | 100mm <sup>3</sup> | Special Order | —                               |

Notes: <sup>1</sup>Supplied with lens. Also available separately.

<sup>2</sup>In Leather Case.

<sup>3</sup>Special Order.

**AUTO-UPS . . .** Supplementary close-up lenses. Permit accurate focusing through the camera rangefinder. Use Parallax Compensator III with 50mm accessory viewfinders for accurate composition. When using the camera body without the Parallax compensator is not necessary.

**Auto-Ups for Model 7**

|                 | Shooting Distance                      | Range of Object                                           |
|-----------------|----------------------------------------|-----------------------------------------------------------|
| For 50mm lenses | Auto-Up 450 No. 1<br>Auto-Up 900 No. 2 | 39~52 cm<br>21x14~31x21 cm<br>55~100 cm<br>31x21~63x42 cm |

|                                            | Auto-Up No. 1                                                       | Auto-Up No. 2                                                           |
|--------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------|
| For                                        | Canon 50mm Lens                                                     | Canon 50mm Lens                                                         |
| Max. & Min. distance between film & object | 1' 8 1/2" ~ 1' 3 1/4"<br>523mm ~ 378mm                              | 3' 2 1/4" ~ 1' 9 1/4"<br>984mm ~ 539mm                                  |
| Area covered at above distance             | 1' 3/8" x 8 1/4" ~ 8 1/4" x 5 1/2"<br>315mm x 210mm ~ 204mm x 166mm | 2' 5/8" x 1' 4 1/2" ~ 1' 1/8" x 1 1/2"<br>730mm x 420mm ~ 310mm x 207mm |

**AUTO-UP 450 (No. 1)**

|                      |        |         |
|----------------------|--------|---------|
| 42mm f/1.8 with case | 112071 | \$24.75 |
| 50mm f/1.4 with case | 112073 | \$34.75 |
| 57mm f/1.2 with case | 112075 | \$37.50 |

**AUTO-UP 900 (No. 2)**

|                          |        |         |
|--------------------------|--------|---------|
| 42mm f/1.8 with case     | 112070 | \$24.75 |
| 50mm f/1.4 with case     | 112072 | \$34.75 |
| 57mm f/1.2 with case     | 112074 | \$37.50 |
| Parallax Compensator III | 112089 | \$ 9.95 |

**REPRODUCING APPARATUS AND ACCESSORIES**

Because 35mm film is inexpensive and can be easily handled and stored, its use in copying has increased greatly. The Canon Copying Apparatus is designed to adapt the Bell & Howell/Canon Lens and Camera, whose reputation as top-class precision instruments have been established the world over, to close-up work, so that 35mm film may be used in copy work easily, rapidly and accurately.

Copy Stand 3 for 50mm F/1.8 lens. Complete set with supplementary lenses.

**112533**

**\$160.00**

Copy Stand 3 for 50mm F/1.4 lens. Complete set with supplementary lenses.

**112534**

**\$165.00**



Copy Stand 3

Note—Each Complete Set consists of the following:

**STANCHION:** Upright post attached to base board on which copying apparatus is mounted.

**CARRYING ARM:** Sliding arm, mounts camera to Stanchion. Can be mounted in either upward or downward position depending upon magnification desired.

**PANTA CLOSE FOCUSING SLIDE:** Key part of entire apparatus. Permits interchanging of ground glass and camera lens for precise focusing. Can also be used on tripod.

**FOCUSING MOUNT:** Used between the lens and camera mount for focusing.

**SUPPLEMENTARY LENS (NO. 1 & 2):** Attach to camera lens depending on magnification desired.

**METAL SCALE:** Used to determine distance of subject to film plane.

**VINYL COVER:** Protects apparatus from dust when left in an assembled position.

**CASE:** For storage of apparatus when disassembled.

**BASE BOARD:** Made specially flat for precise copy work.

**EXTENSION RING (A, B, C):** Used to expand the object area when the focusing mount is not sufficient. A = 6mm, B = 9mm, C = 12mm. Used alone or together.

**RIGHT ANGLE FOCUSING GLASS:** Three power magnification. Placed on top of the focusing glass. Convenient when the focusing glass is at eye level.

**Direct View Focusing Glass**

Ten power magnification focusing glass. Extremely useful for precise focusing.

**112535**

**\$12.50**

**Table Clamp**

Takes place of copy stand baseboard. Stanchion screws directly into clamp, assembly fastens to table.

**112694**

**\$19.95**

Supplementary Lenses 48mm for 50mm F/1.4 Lens (Set of No. 1 and 2)

**112537**

**\$19.95**

Focusing Mount for 50mm F/1.8 and F/1.4

**112538**

**\$ 7.95**

**COPYING SPECIFICATIONS**

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Camera Body             | All Bell & Howell/Canon RF Cameras (Except Canonet)                      |
| Lens                    | 50mm F/1.8 or F/1.4                                                      |
| Film Size               | 24mm x 35mm                                                              |
| Ratio of Reduction      | Without Supplementary Lens 1/1-1/7<br>With Supplementary Lens 1/7.5-1/22 |
| Area Covered            | 528mm x 792mm-24mm x 36mm                                                |
| Object to Film Distance | 1330mm-206mm                                                             |

**MACROPHOTOGRAPHY ACCESSORIES**

With Macrophoto extension tubes, the Copy Stand 3 can be used to photograph extremely small subjects. By using these tubes individually, or in combination, a sharp magnified image of approximately 1 1/2 to 6 1/2 times the size of the original subject can be recorded on film.



Couplers and Extension Tubes

**MACROPHOTO COUPLERS**

Used to couple lens to Macrophoto Extension Tubes.

35mm (for 50mm F/1.2)

**112595**

**\$3.95**

48mm (for 50mm F/1.4)

**112596**

**\$3.95**

40mm (for 50mm F/1.8)

**112597**

**\$3.30**

**MACROPHOTO EXTENSION TUBES**

25mm **112589**

**\$ 3.50**

50mm **112590**

**\$ 4.50**

75mm **112591**

**\$ 5.95**

100mm **112592**

**\$ 7.50**

150mm **112593**

**\$ 9.95**

200mm **112594**

**\$12.50**

Ext. Tube Set **112599**

**\$43.90**

Pictured at left

**TABLE FOR MACROPHOTO EXTENSION TUBES**

| Total Tube Length (mm) | Magnification (approx.) | Subject Distance (mm, approx.) | Area (approx.) | Exposure Factor |
|------------------------|-------------------------|--------------------------------|----------------|-----------------|
| 25                     | 1                       | 160                            | 24 x 36        | 4               |
| 50                     | 1.5                     | 165                            | 16 x 24        | 6               |
| 75                     | 2.0                     | 180                            | 12 x 18        | 9               |
| 100                    | 2.5                     | 195                            | 9.6 x 14.4     | 12              |
| 125                    | 3.0                     | 215                            | 8 x 12         | 16              |
| 150                    | 3.5                     | 240                            | 6.8 x 10.9     | 20              |
| 175                    | 4.0                     | 270                            | 6 x 9          | 25              |
| 200                    | 4.5                     | 290                            | 5.3 x 8        | 30              |
| 225                    | 5.0                     | 310                            | 4.8 x 7.2      | 36              |
| 250                    | 5.5                     | 330                            | 4.4 x 6.5      | 42              |
| 275                    | 6.0                     | 360                            | 4 x 6          | 49              |
| 300                    | 6.5                     | 390                            | 3.7 x 5.5      | 56              |



Unit CM-III

**PHOTOMICROGRAPHIC UNIT, MODEL CM-III**

Photograph any microscopic image with the standard Bell & Howell/Canon Camera body. The Photomicrographic Unit couples to the tube of any standard microscope to permit recording the full subject. Five power Focusing Eyepiece allows full viewing of the subject during exposure. The image recorded will cover the entire film size (24mm x 36mm) and is 1/5 of the magnified microscope image. The Hood has between-the-lens shutter with speed of 1/200, 1/100, 1/50, 1/25, 1/10, 1/5, 1/2, 1 second, T and B and the X terminal. Reflex housing permits focusing and observation of microscope image during period of exposure.

Unit is supplied with Hood, Reflex Housing, Focusing Eyepiece, Coupler for Microscope's ocular tube (Coupler to ocular tube with outside diameter from 24.7 to 25.2mm), Plastic dust Cap and Cable Release V.

**112558**

**\$104.95**

**6 X 6 PHOTOMICROGRAPHIC CAMERA MODEL II**

For photographing the microscope image up to 2 1/4" x 2 1/4" on 2 1/4" x 3 1/4" cut film. This camera is used with the Photomicrographic Unit Model CM-III in place of the standard Bell & Howell/Canon Camera Body. The Model II Camera has a between-the-lens shutter with speeds of 1/200, 1/100, 1/50, 1/25, 1/10, 1/5, 1/2, 1 second, plus T and B, it is fitted in place of the Hood of the Model CM-III Unit.

**112579**

**\$67.00**

**PHOTOMICROGRAPHIC UNIT HOLDER**

For stabilizing the position of the photomicrographic attachment when it is used on the Copying Stand because of the microscope's mechanical construction.

**112569**

**\$6.50**

## CAMERA ACCESSORIES

| ACCESSORY           | IV-S2 and EARLIER   | L-1      | VT and VT DELUXE | VL       | VI-T                | VIL                 | P                   | 7                   | CANONFLEX and R-2000 | RP       | RM       |
|---------------------|---------------------|----------|------------------|----------|---------------------|---------------------|---------------------|---------------------|----------------------|----------|----------|
| EVEREADY CASE       |                     |          |                  |          | 112816 <sup>1</sup> | 112812 <sup>1</sup> | 112812 <sup>1</sup> | 112001 <sup>1</sup> |                      |          | 112605   |
| NECK STRAP: LEATHER | 112507              | 112507   | 112507           | 112507   | 112507              | 112507              | 112507              | 112507              | 112507               | 112507   | 112507   |
| CAMERA HOLDER       |                     |          |                  |          | 112809              | 112809              |                     |                     |                      |          | 112626   |
| METER               | NONE                | NONE     | NONE             | NONE     | 112850              | 112850              | 112850              | BUILT-IN            | BUILT-IN             | BUILT-IN | BUILT-IN |
| RAPID WIND BASE     | 112840              | BUILT-IN | BUILT-IN         | BUILT-IN | BUILT-IN            | BUILT-IN            | BUILT-IN            | BUILT-IN            | BUILT-IN             | BUILT-IN | BUILT-IN |
| CABLE RELEASE       | N/A                 |          |                  |          | 112502              | 112502              | 112502              | 112502              | 112502               | 112502   | 112502   |
| D RINGS             | 112867              | 112867   | 112867           | 112867   | 112867              | 112867              | 112867              | 112867              | 112867               | 112867   | 112867   |
| TAKE-UP SPOOL       | 112840 <sup>1</sup> | BUILT-IN | BUILT-IN         | BUILT-IN | BUILT-IN            | BUILT-IN            | BUILT-IN            | BUILT-IN            | BUILT-IN             | BUILT-IN | BUILT-IN |
| REFLEX HOUSING      |                     |          |                  |          |                     |                     |                     | 112022              |                      |          |          |

<sup>1</sup> With meter on <sup>2</sup> With 1/345 lens <sup>3</sup> Limited supply

## AUTO-UPS\*

|                  |                     |                     |                     |                     |                     |                     |                     |                     |  |  |  |
|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--|--|--|
| 36mm AUTO-UP #10 | 112849              | 112831              | 112831              | 112831              | 112831              | 112831              | 112831              |                     |  |  |  |
| 36mm AUTO-UP #20 |                     | 112832              | 112832              | 112832              | 112832              | 112832              | 112832              |                     |  |  |  |
| 42mm AUTO-UP #1  | 112850 <sup>1</sup> | 112083 <sup>1</sup> | 112083 <sup>1</sup> | 112083 <sup>1</sup> | 112083 <sup>1</sup> | 112083 <sup>1</sup> | 112083 <sup>1</sup> | 112071 <sup>1</sup> |  |  |  |
| 42mm AUTO-UP #2  |                     | 112084 <sup>1</sup> | 112084 <sup>1</sup> | 112084 <sup>1</sup> | 112084 <sup>1</sup> | 112084 <sup>1</sup> | 112084 <sup>1</sup> | 112070 <sup>1</sup> |  |  |  |
| 50mm AUTO-UP #10 |                     | 112085              | 112085              | 112085              | 112085              | 112085              | 112085              | 112073              |  |  |  |
| 50mm AUTO-UP #20 |                     | 112086              | 112086              | 112086              | 112086              | 112086              | 112086              | 112072              |  |  |  |
| 57mm AUTO-UP #10 |                     | 112087              | 112087              | 112087              | 112087              | 112087              | 112087              | 112075              |  |  |  |
| 57mm AUTO-UP #20 |                     | 112088              | 112088              | 112088              | 112088              | 112088              | 112088              | 112074              |  |  |  |

\* Auto-ups for older Canon Cameras are in limited supply. Parallax Compensator (1) (RM No. 112082) must be used with all cameras when using accessory finders with auto-ups. <sup>1</sup> With 50 mm f/1.8 lens <sup>2</sup> With 50 mm f/1.5, f/1.6, f/1.8 lens <sup>3</sup> With 50 mm f/1.2 lens <sup>4</sup> With 50 mm f/1.2 lens <sup>5</sup> With 50 mm f/1.8 lens

## LENS ACCESSORIES

| ACCESSORY                       | IV-S2 and EARLIER   | L-1    | VT and VT DELUXE | VL     | VI-T   | VIL    | P      | 7                   | CANONFLEX and R-2000 | RP     | RM     |
|---------------------------------|---------------------|--------|------------------|--------|--------|--------|--------|---------------------|----------------------|--------|--------|
| ZOOM FINDER 35-55mm             | 112095 <sup>1</sup> | 112095 | 112095           | 112095 | 112095 | 112095 | 112095 | 112095              | 112095               | 112095 | 112095 |
| 25mm FINDER MANUAL PARALLAX     | 112004              |        |                  |        |        |        | 112004 | 112004 <sup>1</sup> |                      |        |        |
| 28mm FINDER MANUAL PARALLAX     | 112007              |        |                  |        |        |        | 112007 | 112007 <sup>1</sup> |                      |        |        |
| 35mm FINDER MANUAL PARALLAX     | 112023              |        |                  |        |        |        | 112023 | 112023 <sup>1</sup> |                      |        |        |
| 45mm FINDER MANUAL PARALLAX     | 112037              |        |                  |        |        |        | 112037 | 112037 <sup>1</sup> |                      |        |        |
| 55mm FINDER MANUAL PARALLAX     | 112038              |        |                  |        |        |        | 112038 | 112038 <sup>1</sup> |                      |        |        |
| 85mm FINDER AUTOMATIC PARALLAX  | 112825 <sup>1</sup> | 112825 | 112825           | 112825 | 112825 | 112825 | 112825 | 112825 <sup>1</sup> |                      |        |        |
| 100mm FINDER MANUAL PARALLAX    | 112039              |        |                  |        |        |        | 112039 | 112039 <sup>1</sup> |                      |        |        |
| 120mm FINDER AUTOMATIC PARALLAX | 112826 <sup>1</sup> | 112826 | 112826           | 112826 | 112826 | 112826 | 112826 | 112826 <sup>1</sup> |                      |        |        |
| 135mm FINDER MANUAL PARALLAX    | 112059              |        |                  |        |        |        | 112059 | 112059 <sup>1</sup> |                      |        |        |
| 135mm FINDER AUTOMATIC PARALLAX | 112827 <sup>1</sup> | 112827 | 112827           | 112827 | 112827 | 112827 | 112827 | 112827 <sup>1</sup> |                      |        |        |

<sup>1</sup> Must use finder coupler RM No. 112098 <sup>2</sup> Must use accessory coupler RM No. 112059 <sup>3</sup> Automatic Parallax

## LIGHTING EQUIPMENT

|               |        |        |        |        |        |        |        |        |        |        |        |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| FLASH UNIT    | 112628 | 112628 | 112628 | 112628 | 112628 | 112628 | 112628 | 112628 | 112628 | 112628 | 112628 |
| FLASH BRACKET | 112634 | 112634 | 112634 | 112634 | 112634 | 112634 | 112634 | 112634 | 112634 | 112634 | 112634 |

<sup>1</sup> Flash Bracket No. 112633 may also be used with PC extension adapter No. 112610

## EVEREADY CARRYING CASES

Rich, genuine leather carrying cases, designed to protect your cameras, and allow instant accessibility. Cases are designed for particular Canon Cameras with various accessories and lens combinations.



112816

|         |                                  |         |
|---------|----------------------------------|---------|
| 112816  | For VI-T                         | \$15.95 |
| 112812  | For VL-LP                        | \$15.95 |
| 112001  | For Model 7 with any normal lens | \$15.95 |
| 112602* | For Canonflex RM, Soft Case      | \$14.95 |
| 112605  | For Canonflex RM                 | \$10.00 |

## NECK STRAP

Included with camera case. Also available separately, for camera case.

112507

\$ 1.95

## RAPID WINDER FOR IV-S2 AND EARLIER\*

Fits on camera in place of standard base plate. One pull of the trigger cocks the shutter and advances the film. Ideal for fast sequence shooting.

112840

\$24.95



112840

## CAMERA HOLDER

Cradles the camera firmly in a perfect horizontal or vertical plane. Mounts on any tripod. Tripod sockets located for positioning the camera in perfect balance with any of the various Canon lenses. The camera can be removed instantly for hand-held use and repositioned in the exact former position. In leather case.

|        |                |         |
|--------|----------------|---------|
| 112809 | For VI-T, VI-T | \$15.95 |
| 112626 | For RM         | \$6.00  |

## LOCKING CABLE RELEASE

All metal cable release for steady exposures. Features built-in lock for long exposure.

112502

\$2.25

## TAKE-UP SPOOL

Included in camera but available as replacement. Extendable head permits easy removal.

|        |                           |        |
|--------|---------------------------|--------|
| 112842 | For IV-S2, Limited Supply | \$2.00 |
| 112867 |                           | \$ .25 |

## LIGHTING EQUIPMENT

### EXTENSION CORDS

For Flash Units Model III, Model V, and Model V-2.

Extension Cord Va, 15'

112519

\$4.95

112847

\$2.95

Extension Cord Vb, 3'

112513

\$3.75

112847

\$2.95

For Flash Units X and Y only.

Extension Cord A, 15'

112859

\$3.50

112856

\$3.45

Extension Cord B, 1'

112860

\$2.95

112856

\$3.45

### CORD CONNECTOR\*

Enables you to connect extension cords for longer reach.

112878

\$2.95

Penlight Battery Cartridge (For Model Y)

112858

\$2.95

\* Limited Supply.

### MULTI-EXTENSION SOCKET\*

Permits the use of additional side lighting units with one synchronized source.

112847

\$2.95

### FLASH TERMINAL COUPLER FOR IV-S2

Permits flash units with a European-type outlet to be used with the synchronized Canon Cameras other than Model VT and newer models. To be mounted on side rail of camera.

112856

\$3.45

### FLASH UNIT COUPLER

Accessory shoe for using clip-on type speedlights on Canonflex models as well as Model 7.

112634

\$5.00

### PC EXTENSION ADAPTER

Adapts Flash Unit Coupler 112633 for use on Canonflex Coupler 112633 plus adapter is equivalent to Coupler 112634.

112610

\$1.00

**AUTO-UPS**

Supplementary close-up lenses that permit accurate focusing through the camera body rangefinder. Fixed parallax marker provides for parallax correction. For more accurate work, or when using an accessory viewfinder, a separate parallax compensator (B&H #112089, see page 33) can be used. The following Auto-Ups are for 50mm lenses. See the chart on page 36 for the correct Auto-Up for a particular camera.

**AUTO-UP #1 (450) with case**

|      |         |         |
|------|---------|---------|
| 35mm | 112849  | \$19.75 |
|      | 112831* | \$19.75 |
| 42mm | 112850  | \$24.75 |
|      | 112843  | \$24.75 |
| 50mm | 112071  | \$24.75 |
|      | 112085  | \$34.75 |
|      | 112073  | \$34.75 |
| 57mm | 112087  | \$37.50 |
|      | 112075  | \$37.50 |

|                                                | Auto-Up #1                         | Auto-Up #2                           |
|------------------------------------------------|------------------------------------|--------------------------------------|
| For                                            | Canon 50mm Lens                    | Canon 50mm Lens                      |
| Max. and Min. distance between film and object | 20 1/4" - 15 1/4"                  | 38 1/4" - 21 1/4"                    |
| Area covered at above distance                 | 12 1/4" x 8 1/4" - 8 1/4" x 5 1/4" | 24 1/4" x 16 1/4" - 12 1/4" x 8 1/4" |

**AUTO-UP #2 (800) with case**

|      |                   |         |
|------|-------------------|---------|
| 35mm | 112832*           | \$19.75 |
| 42mm | 112070            | \$24.75 |
|      | 112084            | \$24.75 |
| 50mm | 112086            | \$34.75 |
|      | 112072            | \$34.75 |
| 57mm | 112088            | \$37.50 |
|      | 112074            | \$37.50 |
|      | * Limited Supply. |         |

**REFLEX HOUSING MB-2**

Compact reflex housing for use on Model 7. Includes Telephoto and Lens-Telephoto lenses. Use 35.5mm Filter.

|        |         |
|--------|---------|
| 112022 | \$50.00 |
|--------|---------|

**TELE-COUPLER R\***

Adapts Screw-mount lenses, over 200mm, to the Canonflex. Handy filter ring allows easy exchange of filters.

|        |         |
|--------|---------|
| 112077 | \$35.00 |
|--------|---------|

**ZOOMFINDER S**

Features a real-image optical system (Kieper type). Designed for standard and wide angle lenses. Calibrated at 35, 40, 45, and 50mm. Fields of view are given for all marked focal lengths in a sharply defined frame, completely visible no matter how the eye is positioned. The Zoom principle employed allows for continuous magnification to show the exact size of the image at all focal lengths. Adjustable diopter eyepiece. With leather case. Automatic parallax correction. For all rangefinder cameras see page 36.

|        |         |
|--------|---------|
| 112095 | \$37.50 |
|--------|---------|

**LUMI-FIELD VIEWFINDER V**

Gives a brilliant, sharply-defined field of view with the lens field outlined by a white line. Also shows field outside white line which does not appear in the photograph. Couples to the rangefinder mechanism of the Canon model VI and Canon models for automatic parallax compensation. The field of view is unaffected by the position of the eye. Can be used on all R.F. cameras. See page 36.

|        |                |         |
|--------|----------------|---------|
| 112825 | for 85mm lens  | \$13.95 |
| 112826 | for 100mm lens | \$12.95 |
| 112827 | for 135mm lens | \$12.95 |

**SPECIAL VIEWFINDER P**

Designed for Models P and 7. Can also be used on the Model IV-2S. Manual parallax adjustment. See page 36.

|        |               |         |
|--------|---------------|---------|
| 112004 | for 25mm lens | \$18.95 |
| 112007 | for 28mm lens | \$15.95 |
| 112023 | for 35mm lens | \$12.95 |

\* Limited Supply

**LUMI-FIELD VIEWFINDER P**

Same as Lumi-Field Viewfinder V, but manual parallax adjustment. Designed for Models P and 7. Can be used on Model IV-2S. See page 36.

|        |                |         |
|--------|----------------|---------|
| 112037 | for 50mm lens  | \$14.95 |
| 112038 | for 85mm lens  | \$13.95 |
| 112059 | for 135mm lens | \$12.95 |
| 112039 | for 100mm lens | \$12.95 |

**SPECIAL 10mm VIEWFINDER**

Gives field-of-view of 15mm lenses. Fits on accessory shoe of camera.

|        |         |
|--------|---------|
| 112148 | \$25.50 |
|--------|---------|

**ACCESSORY COUPLER**

Required to permit the use of shoe-type accessories on the Model 7.

|        |        |
|--------|--------|
| 112505 | \$9.95 |
|--------|--------|

**FINDER COUPLER**

Permits use of all Model V Automatic Parallax correction Finders, such as Lumi-Field 35mm, and Universal Finders by providing manual parallax correction for use on Models IV-2S, P, and 7.

|        |        |
|--------|--------|
| 112098 | \$5.95 |
|--------|--------|

**FOCUSING AND LENS HEAD ADAPTERS**

The chrome finish Canon 85mm f/1.9, 100mm f/2, 135mm f/2.5 and the 100mm f/3.5 are screw mount lenses with detachable heads. With the use of the proper focusing adapter and lens head adapter, these lenses can be used on the bayonet-mount Canonflex cameras.

The Lens Head Adapter used separately also adapts their corresponding lens to the Bellows R. (Without the Bellows Adapter R.)

Focusing Adapter RB and Lens Head Adapter  
For 100mm f/3.5 (chrome)

|        |         |
|--------|---------|
| 112638 | \$34.95 |
|--------|---------|

Focusing Adapter RA and Lens Head Adapters

|                         |  |
|-------------------------|--|
| For 85mm f/1.9 (chrome) |  |
|-------------------------|--|

|        |         |
|--------|---------|
| 112635 | \$37.50 |
|--------|---------|

|                         |  |
|-------------------------|--|
| For 100mm f/2.0 (black) |  |
|-------------------------|--|

|        |         |
|--------|---------|
| 112636 | \$37.50 |
|--------|---------|

|                          |  |
|--------------------------|--|
| For 135mm f/3.5 (chrome) |  |
|--------------------------|--|

|        |         |
|--------|---------|
| 112637 | \$37.50 |
|--------|---------|

The following items are for the Canon RM, R, RP, and FP single-lens reflex cameras. Supply is limited.

**LENSES**

|                                                  |               |          |
|--------------------------------------------------|---------------|----------|
| 35mm f/2.5R CANOMATIC WIDE-ANGLE LENS            | 112103        | \$124.50 |
| 58mm f/1.2 SUPER CANOMATIC NORMAL LENS WITH CASE | 112107/112108 | \$164.45 |
| 85mm f/1.8R CANOMATIC LONG-FOCUS LENS WITH CASE  | 112109/112110 | \$141.45 |
| 100mm f/2R CANOMATIC TELEPHOTO LENS WITH CASE    | 112111/112112 | \$159.45 |
| 100mm f/3.5R PRE-SET TELEPHOTO LENS              | 112116        | \$89.50  |
| 135mm f/2.5R CANOMATIC TELEPHOTO LENS WITH CASE  | 112113/112114 | \$136.45 |
| 135mm f/3.5R PRE-SET TELEPHOTO LENS WITH CASE    | 112118/112119 | \$106.45 |
| 200mm f/3.5R CANOMATIC LENS WITH CASE AND HOOD   | 112115        | \$174.50 |
| 55-135mm f/3.5 ZOOM LENS WITH CASE AND HOOD      | 112124        | \$299.50 |

**MISCELLANEOUS ACCESSORIES**

|                                        |        |         |
|----------------------------------------|--------|---------|
| Flash Coupler for RM                   | 112634 | \$9.95  |
| Camera Holder R-3                      | 112626 | \$14.95 |
| Eveready Case for RM                   | 112605 | \$17.95 |
| Soft Case for RM                       | 112602 | \$16.95 |
| Exposure Meter for FP Camera           | 112666 | \$29.95 |
| Case for FP Camera with Meter Attached | 112606 | \$17.95 |
| Canonflex Meter R with Case            | 112616 | \$29.95 |

## Canon Binoculars



6×30

A popular, all round binocular. Due to its compactness and lightweight, it is an ideal companion for travelers, hikers and hunters. Since its exit pupil is relatively large, the 6×30 model is useful in twilight as well as daylight observation.

★ 16C

\$74.50



8×30

Travelers, hunters, spectators and nature lovers will find the 8×30 model the most useful glass. It covers a wide field of view with powerful magnification. Excellent performance in daytime. Slip easily into coat pocket or handbag.

★ 17C

\$79.50



7×35

This is the model desired most by those who want a "glass to look through", travelers, hunters, spectators, and hikers. The 7×35 is an almost perfect glass, good magnification, brilliant image, ample field of view and easy to handle.

★ 18C

\$84.50



7×50

The high power glass which gives an outstanding image in daylight, twilight and at night. The large exit pupils make it particularly easy to use. Even on unsteady base, vehicles, boats, ships, you will have no difficulty in keeping the object in view.

★ 19C

\$99.50



### Sports Glass

3X magnification, Canon sports glass is superb in function and handsome in appearance. It is of central focusing type and has built-in eyepiece sleeves for the benefit of user wearing glasses.

★ 15C

\$24.50

★ All products with this symbol may be assorted (6 or more) for quantity price.

### Specifications

| Type                       | 6×30             | 8×30             | 7×35             | 7×50               |
|----------------------------|------------------|------------------|------------------|--------------------|
| Magnification              | 6×               | 8×               | 7×               | 7×                 |
| Diameter of Object Lens    | 30mm             | 30mm             | 35mm             | 50mm               |
| Diameter of Exit Pupil     | 5mm              | 3.75mm           | 5mm              | 7.14mm             |
| Angle of View              | 8.0°             | 7.5°             | 7.5°             | 7.2°               |
| Linear Field at 1000 yards | 420ft            | 393ft            | 393ft            | 376ft              |
| Weight                     | 600gr.<br>22 oz. | 600gr.<br>22 oz. | 670gr.<br>24 oz. | 1,150gr.<br>41 oz. |

### A table for the choice of Canon Binoculars

|                             | 6×30                                    | 8×30 | 7×35 | 7×50 | Sports Glass |
|-----------------------------|-----------------------------------------|------|------|------|--------------|
| Outdoors General Use        | ***                                     | ***  | ***  | ***  | ***          |
| Hunting & Birds Watching    | **                                      | ***  | **   | ***  | *            |
| Hiking                      | ***                                     | ***  | **   | ***  | ***          |
| Horse Racing & Yachting     | **                                      | **   | ***  | ***  | *            |
| Twilight & Dark Daytime Use | **                                      | *    | ***  | ***  | *            |
| Theater                     | **                                      | *    | *    | ***  | ***          |
| Legend:                     | *** Excellent<br>** Very Good<br>* Good |      |      |      |              |

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Specifications, availability, and prices are subject to change without notice. Prices shown are manufacturer's suggested list prices and may vary from dealer to dealer.