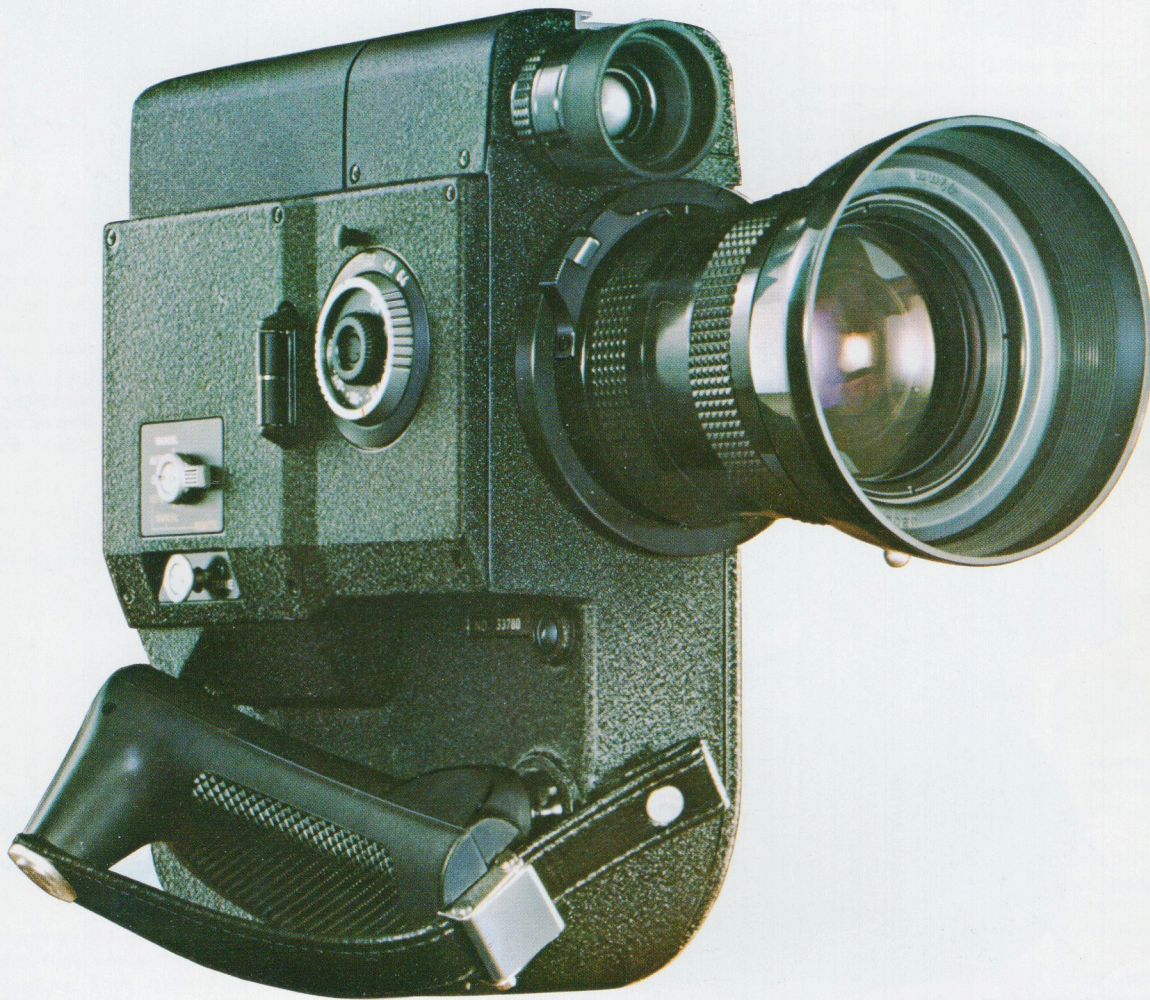


Canon

SCOOPIC 16MS



The Canon Scoopic 16MS is a 16mm cine camera which is equipped with remarkable new functions (long film shooting, remote shooting, single frame shot and so on) in addition to the already proven technology and the tradition of the worldwide popular Scoopic 16M.

As a professional type camera, the Canon Scoopic 16MS will meet all requirements for moviemaking in news, medical, industrial or any other field.

FEATURES

- High-performance lens with 6:1 zoom ratio and fast T2.5 (F1.8)
- The first 16mm camera to incorporate macro shooting-mechanism
- Shock-proof servo EE quick response mechanism
- Wider range of filming speeds at 16, 24, 32, 48, 64 fps and single frame shot
- Fast, accurate semi-automatic film loading
- Easy-to-hold grip
- Accessory shoe for mounting movie light
- Uses either Mitchell type 400 ft. magazine or CP16mm camera magazine
- Numerous accessories for versatility

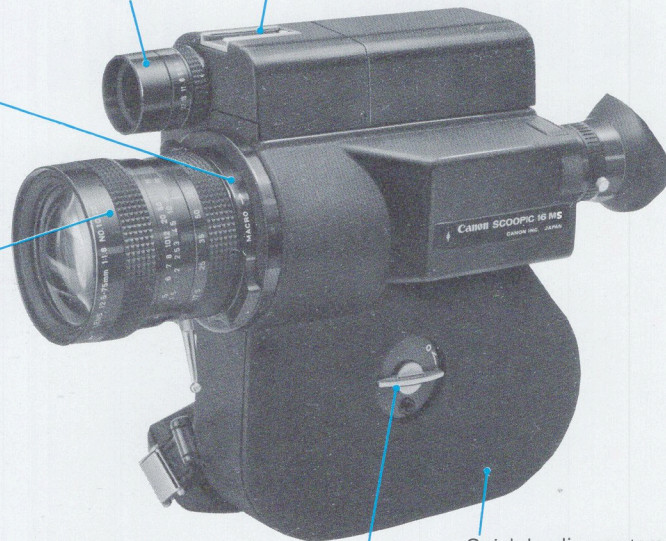
Outline of External Parts

Fully automatic, quick-reacting, exposure control with manual over-ride

Convenient, built-in accessory shoe

Macro ring—focuses down to 3½", locks in normal position—also provides exclusive "optical dollying"; changing focal point with constant field size

Razor sharp, 12.5-75mm f/1.8 macro zoom lens—accepts 72mm accessories

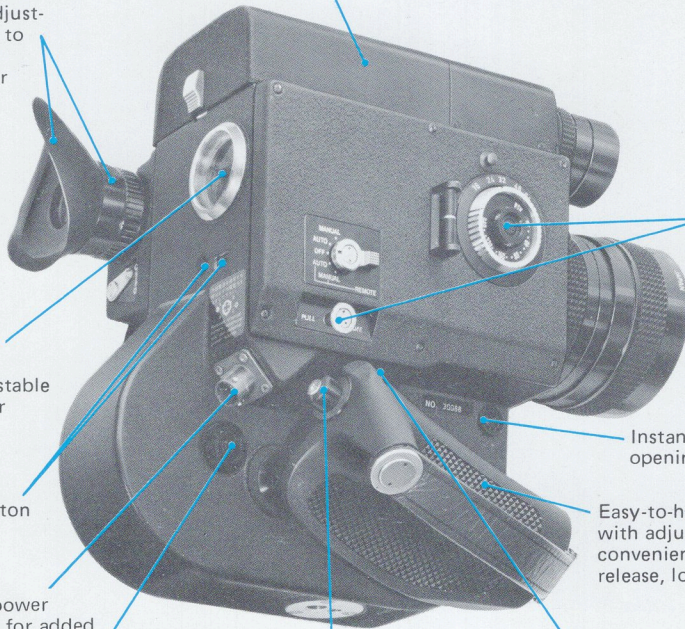


Quick-loading system with automatic threading, built-in film cutter

Side cover release knob

Powerful nicad battery—shoots 16-100' rolls on a single charge, replaces in seconds, charges in 3½ hrs.

Extremely bright, groundglass finder with built-in TV frame line and visible aperture indication, adjustable eyepiece (-4 to +2 diopter), with quick-close shutter



Silent motor drive with wide range of filming speeds—16, 24, 32, 48 and 64 fps, single-frame control, for animation and time-lapse cinematography

Instant aperture opening button

Easy-to-view rear-mounted footage counter with adjustable frame-counting for animation

Battery check button and meter

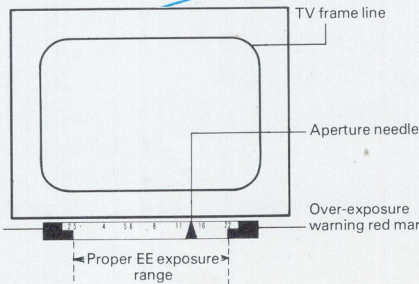
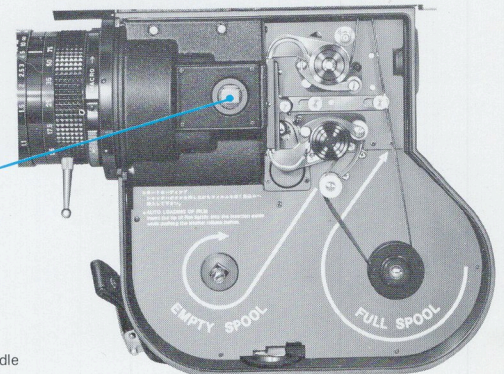
Easy-to-hold hand-grip with adjustable strap, convenient thumb release, lock

External power connector for added versatility

Film feed indicator, for positive film-running indication

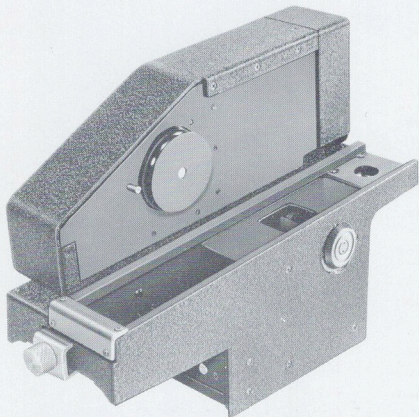
Shutter button, locked by full push.

Shutter lock release button



Optional Accessories

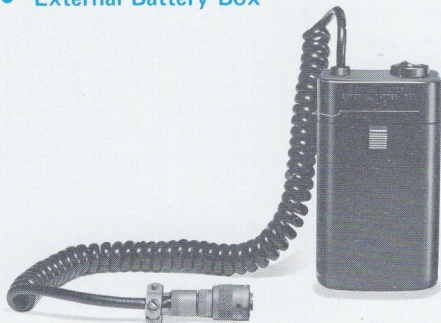
• 400' Magazine Adapter



With the Adapter and the 400 ft. Magazine

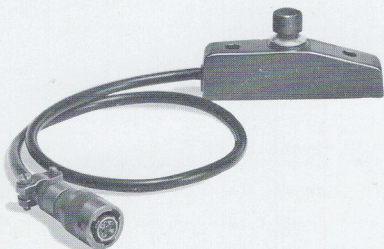
This magazine adapter will now permit the quick and easy installation of the new Cinema Products 400' Lexan Magazine. The mounting plate for the magazine incorporates the Cinema Products "Snap-Lock" mechanism but will also permit the use of standard 400' Mitchell Magazines. With or without the magazine adapter attached, the camera is still capable of utilizing its 100' internal load. With this larger film capacity, the Scoopic camera has now found a place among both production and sports cameras.

• External Battery Box

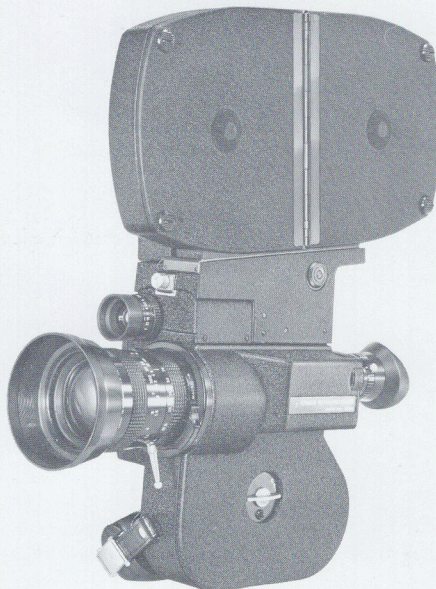


When filming in a cold area, put the battery in the external battery box and warm it with your body temperature. Thus, battery performance will be kept unchanged. The external battery box is most effective at 0°C or lower.

• Remote Switch



This switch provides various kinds of shooting remote control. For instance, when the camera is used on a tripod, this switch may be attached to the panning rod, thus allowing high maneuverability.



• Tele-side Converter



This accessory extends the focal length of the lens by 1.5 times. The available focal length range is 37.5–75mm at the telephoto side. That is why the converter is of a compact design compared to its rivals.

With the converter attached, there is no change in the F number of the master lens. This is a great merit for news recording usually made under bad light conditions.

• Wide Angle Lens Attachment

This attachment transforms the 12.5–75mm Macro Zoom Lens on the Scoopic 16MS camera into a 9mm lens. Quickly and easily attached to the lens by means of a tension ring, this accessory now gives the 16MS user dramatic wide angle capabilities never before possible with any Scoopic camera. When using this attachment, there is absolutely no light loss in the viewfinder and, therefore, no exposure compensation is necessary.

• Anti Cold Barney

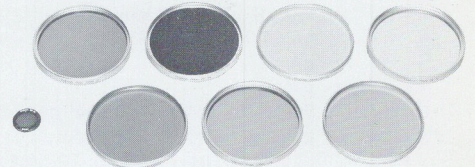


This barney is long enough to hide your wrist and gives no damage to portability and convenience of the camera. The barney is made of high-quality quilting material which both excellently water proofs and warms the camera. Pockets are provided on both sides of the barney so that devices can be inserted to keep the camera warm.

• Sound Barney

This barney effectively reduces the operational sound of the 16MS camera to a level suitable for sound recording. Manufactured from a tough Naugahyde covering with thick foam inside, this new barney also provides adequate protection for the camera in cold weather.

• Filters



Filters for black and white film giving different varieties of expression and clear pictures are available.

ND filters which reduce light intensity and color conversion filters which correct color temperature are also available.

UV, Y1, Y3, R1, SKY, CCA, CCB, ND8, ND4 (Screw-in type)

Use the 4-time ND EE-correction filter on the CdS window to compensate for EE shooting.

• Close-up Lenses

Two kinds of close-up lenses, the 2100-3 and the 1100-3, are now available for enlarging and copying. With the lens 2100-3, 8.2 x 6.0cm is the minimum object size and with the lens 1100-3, 6.5 x 4.7cm is the minimum object size which will enter a full image onto the camera monitor. With a combination of the 2100-3 and the 1100-3, 5.3x3.9cm will be the minimum object size for a full image.

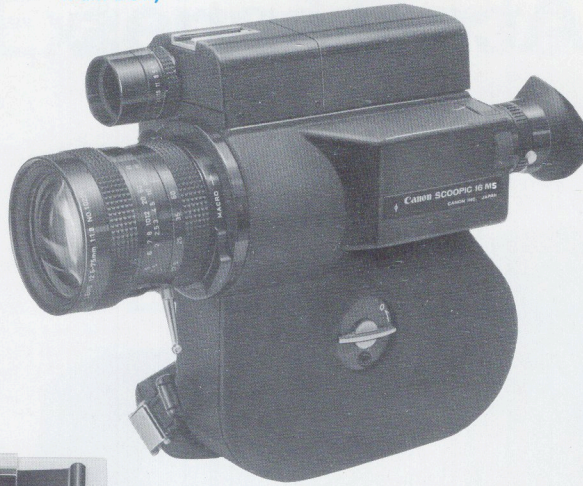
• Anti Rain Barney

When using the Scoopic camera in rain, this accessory will keep waterdrops out of the camera body. The barney is made of transparent vinyl which is light and convenient for moving the camera.

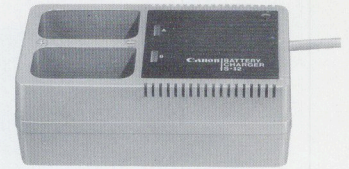
STANDARD SET

Scoopic 16MS camera body	1
Nickel-cadmium battery S-12	1
75mm lens cap	1
72mm lens hood	1
Battery charger S-12	1
Filter holder	5
Filter holder case	1
EE Hood	1
Carrying case	1

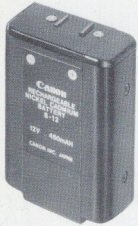
Main Body



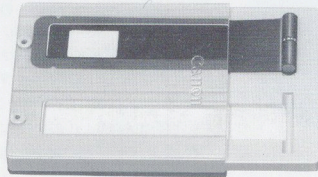
Battery Charger



Battery



Filter Holder Case



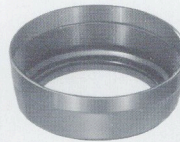
Filter Holder



Lens Cap



Lens Hood



Carrying Case



SPECIFICATIONS

Main Body

- Type:** 16mm EE mechanism cine camera with macro zoom lens
- Film:** 16mm single or double perforated film of 100 ft. (30.5m), or 400 ft. (120m) available by 400 ft. magazine
- Lens:** Focal length 12.5–75mm (½"–3"), zoom ratio 6:1, lens speed T2.5 (F1.8); 16 elements in 12 components; front thread 72mm (2⁷/₁₆"") P 0.75, outer diameter 75mm (3"); minimum object distance 1.1m (3'7¹/₁₆"") from film plane, range of macro-operation 80–750mm (3¹/₈"–2'5¹/₂"") from front lens vertex; multipoint focus possible
- Automatic EE System:** Servo-controlled by CdS photocell and micro-motor; manual control also possible; EE Coupling Range ASA640, T2.5, 16 fps – ASA20, T22, 64 fps
- Film Speed:** ASA 20 .. 40 .. 80 .. 160 .. 320 .. 640 (25 32) (50 64) (100 125) (200 250) (400 500)
- Filming Speed:** Single frame, 16, 24, 32, 48, 64 fps; shutter opening angle 170°; 25 frames available in place of 24 frames
- Film Drive:** By a built-in DC micromotor; speed controlled by electronic governor
- Power Source:** An exclusive 12V Ni-Cd battery for film drive and automatic aperture control, a fully charged battery runs 16 rolls of 100 ft. film at 24 fps, 2 rolls of 400 ft. (with 400 ft. magazine), external batteries also usable
- Film Loading:** Semi-automatic, just insert film tip into film guide, with film cutter

Zoom & Focus: Manual

Filter: A gelatine filter frame can be inserted simply and quickly

Viewfinder: Single-lens reflex type with all-matted focus glass; contains TV frame line, T/stop scales, over/under exposure warning marks, aperture needle; eyepiece adjustable (–4 to +2 diopter), with eyepiece shutter to prevent the backflow of light

Footage Counter: Counts exposed footage; automatically returns to "S" when side cover is opened; frame counter, 40 frames in one rotation (1 ft.); Magazine adapter has the digital counter in three numbers.

Others: Film slack correction knob, accessory shoe, battery checker, shutter running lock

Size: 153 (W) x 230 (H) x 287 (L) mm (6" x 9¹/₁₆" x 11⁵/₁₆"")
153 (W) x 466 (H) x 375 (L) mm (6" x 18³/₈" x 14³/₄"")
with magazine adapter and 400 ft. CP 16mm camera magazine

Weight: 3.3 kg (7.3 lbs.)

6 kg (13.2 lbs.) with magazine adapter, 400 ft. CP 16mm camera magazine and 400 ft. film

Battery Charger: Input voltage selector 100, 110, 120, 200, 220, and 240 V
Charging time 3.5 hours at normal temperature

Magazine Adapter Optional

Magazine Mitchell type 400 ft. magazine or CP 16mm camera magazine can be used

Subject to alterations.

Canon

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