

THE SUBMINIATURE TIMES

The Subminiature Times is published monthly by Doylejet, P.O. Box 60311, Houston, TX. 77205 (713) 440-4744
Supporting 110, 16mm, 9.5mm, 8mm, 4mm, 1mm, Microdot, & Electronic Still Photography.

THIS LITTLE 110 CAMERA.

Although cameras are still being produced in the 110 format, the party ended a long time ago.

The death of a format usually makes collectors items of the better models. 110, however is synonymous with so many cheap cameras that many camera dealers won't touch them at all.

This is a boon for collectors, because there's no floor of support for the price of any given camera. Finding a good one is the problem. Excellent 110 cameras in pristine condition now sit in the nation's pawnshops, the last refuge of life before oblivion.

The first thing you notice about the Pocket Fujica 350 Zoom camera is the lens. Most 110 cameras with variable focal length flip from telephoto to wide angle, not zoom. After examining the camera it occurred to us that the lens may have contributed to this camera's extinction.

The little multi-colored 'idiot symbols' on the top don't help either. They're the hallmark of a snapshotter's camera.

Unfortunately, snapshotters by definition aren't usually interested in the subtleties of composition possible with a zoom lens. They want scenics or closeups, not every step in between. It's just one more thing to think about.

With the Fujica 350 Zoom after you frame the image and set the exposure, you still have to focus the lens by means of a distance scale printed on the lens (minimum distance 5 ft).

It's easy to visualize a lot of disappointed owners getting their prints back—all of them out of focus. How long would you use such a camera, or keep it around?

A more savvy photographer would set the aperture as soon as possible, set the distance when the subject is chosen, zoom for composition, then squeeze the shutter button.

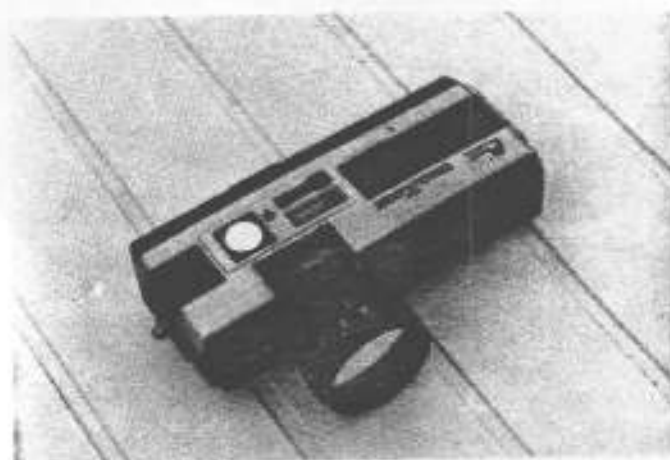
In the field you'll definitely appreciate some of the other features: tripod screw, threaded cable release, and hot shoe for your flash (or clip-on light meter.) There is also a wrist strap hook.

The zoom range is from 25mm to 42mm. The single shutter speed is 1/50 sec., and the three apertures are f5.6, f8, and f11. Because the lens is set on an edge rather than a flat side, it fits easily in a coat pocket.

Professional collectors know that a zoom lens vastly increases the value of a camera in any format.

Whether you are a collector, or need a reliable 110 camera as a learner, you won't find a better value.

The Pocket Fujica 350 Zoom is currently selling for \$15. Happy hunting.



CAMERA PHOTO SUPPLIES

MINI-SPY CAMERA small 3-1 use 110 film, coin holder/key chain included. must for auto handling: \$2.95 plus \$5 shipping. CSM-A, 10 Bay St. Westport, CT 06880.

We saw this ad in "Popular Science" the September '87 issue, pp.144. Wrote several times with no response. Has anyone had better luck?

EN PASSANT

Airport security personnel always want to handle your subminiature before admitting you to a boarding area, even to the point of pressing the shutter release.

If your camera doesn't have a shutter lock, take a picture before going to the airport, and don't advance the film. Now, curious hands can't waste your film.

Canon

XAPSHOT

RC-250 High-Band Still Video Camera

ELECTRONIC PHOTOGRAPHY UPDATE

The Canon XAPSHOT almost bridges the gap between your present subminiature camera and a camcorder. It is (coat) pocketable, has great features, but doesn't produce hard copy yet. However, with any kind of real demand, Canon will probably produce a printer.

We won't reproduce the brochure photos which look like standard 4 x 5" studio camera work.

In the real world, you'll have to photograph XAPSHOT images from your TV screen with a still camera, then process the film as you would normally.

With ISO 100 film f5.6 @ 1/25 is a good place to start bracketing your test exposures. Increase or decrease apertures, not the shutter speed, or you'll get distracting diagonal bands across each frame.

**HiVF**

Photography for the Video Generation.

Accessories

RC-250 Kit



- 1 XAP SHOT (RC-250)
- 2 Video Floppy Disk VF-50
- 3 Battery Pack BP-4P
- 4 Battery Charger BA-24P
- 5 AC Coupler AV-C25
- 6 Pin Cable KE-PIN
- 7 Mini-Plug Pin Cable KE-M2P
- 8 Soft Case SC-T13
- 9 Wriststrap WS-C25

Action Set AS-C25



Action Grip AG-C25

Provides larger, firmer grip for action photography and using teleconverter. Has tripod socket.

Teleconverter TC-C2513

Extends standard fixed-focus 11mm lens by 1.3x; attaches to Action Grip AG-C25.

SHOOTING

PLAYING



Video Floppy Disk VF-50

Accepts up to 50 images for magnetic recording. Size is ultra compact: 2-3/8" (W) x 2-1/8" (H) x 1/8" (D) [60mm x 54mm x 3.5mm] and weight is 0.3 oz (8.7 g).



Macro Frame MF-C25

Raises camera above tabletop and holds it steady for macro photography.



Mini-Plug Pin Cable KE-M2P

4.9 ft. long, 2.5mm dia. mini-plug and RCA pin, to connect the camera with TV monitor, VCR, etc.



Pin Cable KE-PIN

Video output cable to connect AC Coupler with video input pin TV or monitor, VCR, etc.



RF Unit RF-301

Converts output of XAP SHOT to RF for connection directly to antenna inputs of TVs, VCRs, etc. lacking video input terminals.

POWER

CARRYING



Battery Pack BP-4P

Power source of the XAP SHOT. A new fully-charged battery pack lasts for approx. 800 shots without flash (approx. 300 shots if flash is used for about one in every four exposures).



Battery Charger BA-24P

For exclusive use of Battery Pack BP-4P. Used together with AC Coupler AV-C25, it becomes a kind of AC Adapter to power the XAP SHOT during playback.



AC Coupler AV-C25

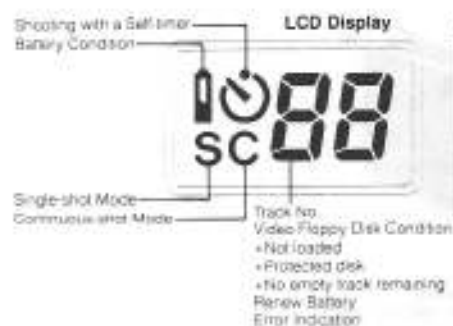
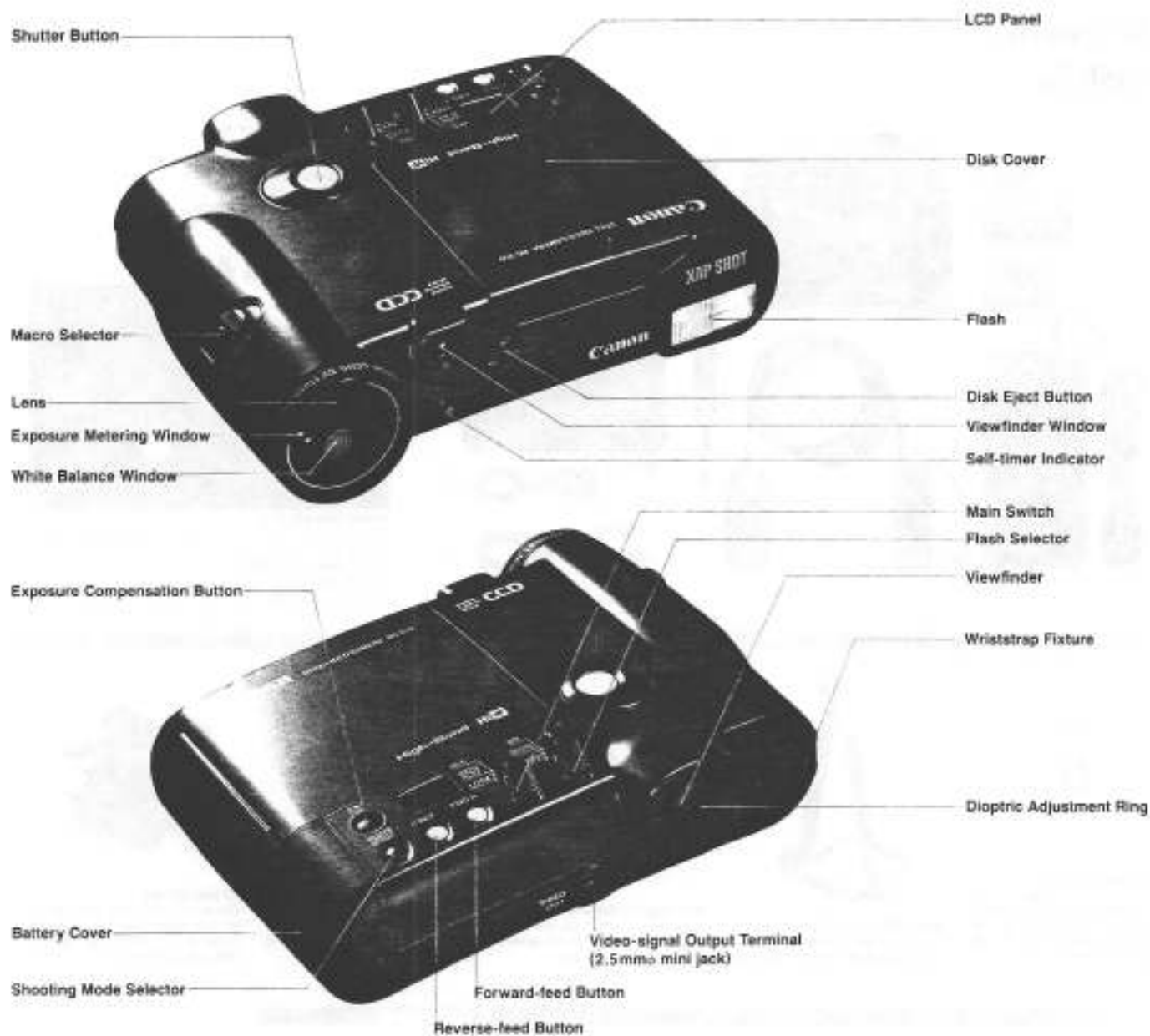
Connects XAP SHOT with Battery Charger, or TV monitor (etc.) via Pin Cable KE-PIN or RF Unit RF-301 for video or RF output.



System Bag SB-C25

An easy-to-carry bag to contain/carry the RC-250 Kit and Action Set.

DESIGNED FOR EASY USE



NOTE: Data for explanation only



XAP SHOT (White)

Specifications

Type	Electronic lens-shutter camera
Image Pickup Device	1/2-inch CCD (786 pixels horizontally)
Recording/Playback System	Field mode; Conforms to the High-Band format agreed upon by the Electronic Still Camera Standardization Committee
Video Signal	NTSC color format, EIA standard
Recording Medium	Still Video floppy disk
Lens	Built-in, fixed-focus type with macro mechanism for extreme close-ups at 12 in.
Focal Length/Aperture	11mm (equivalent to 80mm on 35mm cameras), f/2.8
Shooting Distance Range	3.3 ft. (1 m) to infinity (12 in. (30 cm) from CCD image pickup surface in macrophotography)
Viewfinder	Real-image secondary imaging finder
Magnification	0.55x
Finder Coverage	84%
Dioptric Adjustment	-4 diopter to +2 diopter
Light Metering System	Feedback AE with external photometric sensor and CCD signal
Exposure Mode	Program AE (1/30 sec. to 1/500 sec., 1/22)
Metering Range	EV 8 to EV 18 (equivalent to ISO 100)
Exposure Compensation	+1.5 EV (via exposure compensation button)
White Balance	Automatic tracking system
Shooting Mode	Single image and consecutive (3 images/sec.) Shooting
Self-timer	10-second delay
Flash	Built-in, light-amount adjusting type
Flash Mode	AUTO (at EV 8 or below)/ON/OFF
Flash-coupling Range	Within approx. 10 ft. (3 m)
Video Output	1 Vp-p, 75Ω, unbalanced (2.5mm mini-jack)
Horizontal Resolution	Recording/Playback: 300 TV lines Playback: 400 TV lines
Playback Function	Playback single image or continuous images (approx. 4 images/sec.) by means of Forward or Reverse buttons; playback automatically canceled when single-image display exceeds 2 minutes (when using battery pack) or 15 minutes (when using Battery Charger/AC Coupler).
Erase Function	Single-image erasure
LCD Panel	7-segment, 2-digit LED alphanumeric and mark lighting or blinking for track number, shooting mode, disk condition, battery condition, error
Viewfinder Information	LED grows for flash-charging completed or blinks for out of the low-luminance interlocking range, flash charging, warning, macrophotography
Disk Initialization	Normal Mode: Head automatically set to the empty track next to last (highest number) recorded track. Insert Mode: Head manually set to a recordable track with Forward/Reverse buttons.
Power Source	One Battery Pack BP-4P (exclusive lead-acid battery, 8V, 200mAh)
Battery Life	Recording: Approx. 800 images without flash use Approx. 300 images with 25% flash use (at 20°C with new fully charged Battery Pack) Playback: Approx. 10 minutes (at 20°C with new fully charged Battery Pack)
Tripod Socket	Provided on the optional Action Grip AG-C25
External Color	Milky white or black
Dimensions (W x H x D)	5-9/16 x 1-3/8 x 4-3/16 in. (142 x 34.5 x 106 mm)
Weight	14-11/16 oz. (420 g) body only

* All data are based on Canon's Standard Test Method.

* Subject to change without notice.

NOTES:

- This camera conforms to the High-Band format agreed upon by the Electronic Still Camera Standardization Committee. Please use video floppy disks of the worldwide standard for shooting and recording.
- Please note that video floppy disks recorded in High-Band can only be played back on the player bearing the mark **H1NF** in playback of video floppy disks not recorded in High-Band, correct image reproduction might not be available.
- Images on TV monitors and examples in this catalog are simulated.



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Canon

CANON INC. 111, San Antonio Drive, Springfield, Pa. 17081, U.S.A.
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STILL VIDEO PRODUCTS GROUP
TAMAGAWA PLANT
1110 Shimo-Ogino, Tsutsui, Kawasaki, Kanagawa 210, Japan

CANON U.S.A., INC. HEADQUARTERS

One Canon Plaza, Lake Success, N.Y. 11042, U.S.A.
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Camera: Minolta-16 MG

THE SUBMINIATURE TIMES QUICKFINDER 8/91

Canon 110ED	59	C	Minox EC	225	W	Pentax-A110	340	W
Crystar Hit	33	W	EC	219	WS	A110	299	D
Golddeck-16	325	WS	EC	199	A	A110	295	BP
Mamiya-16 Auto	49	C	EC	189	B	A110	289	B
Mec-16 Gold	239	C	EC	129	WS	110	279	BC
Mec-16	99	F	LX Gold	1450	G	A110	259	W
Micro-16	189	F	LX Blk	555	C	A110	249	B
Micro-16	59	W	LX	690	K	A110	219	M
Minolta-16	59	CB	LX	679	BH	A110	199	D
EE II	100	W	LX	649	BH	A110	189	B
MG	69	F	LX	625	BP	A110	59	W
P	59	F	LX	599	CO	Rollei A-110	229	B
QT	90	CB	LX	269	BC	Rollei-16	249	F
110Z	119	W	ML	285	T	Steky + lenses	349	C
110Z	109	W	ML	225	T	Steky III	199	A
Minox B	495	D	IIIS Gold	4500	B	Tessina	699	W
B	299	A0	IIIS	395	D	Tessina	Call	F
B	199	BC	IIIS	159	F	Toyoca-16	295	WS
B	190	K	IIIS	135	G	Yashica Atoron Bk	179	WS
B	169	F	IIIS	119	B	Atoron	79	W
B	139	B	Pentax-A110	499	D	Atoron	79	F
C	209	F	A110	449	W	-16	199	M
C	189	B	A110	399	D	-16 EE	49	W

- A Adorama, 42 W 18th St., NYC, NY 10011 (212) 741-0052
 A0 Alfred O's Cameras, 916 Gravier St., New Orleans, La 70112 (504) 523-2421
 B Brooklyn Camera Exch., 549 E 26th St., Bklyn, NY 11210 (718) 462-2892
 BC Bergen County Cam., 270 Westwood Ave., Westwood, NJ 07675 (201) 664-4113
 BH B & H Photo, 119 W 17th St., NYC NY 10011 (212) 807-7474
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 C Cameta's, 253 Broadway, Amityville, NY 11701 (516) 691-1190
 CB Cambridge Camera, 7th Ave. and 13th St., NYC NY 10011 (212) 675-8600
 CO Camera One, 1918 Robinhood, Sarasota, FL 34231 (813) 924-1302
 D Discount Camera, 33 Keraney St. S.Fran., CA 94108 (415) 392-1100
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 G Ghitelman Cameras, 166 Fifth Ave., NYC NY 10010 (212) 924-3020
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 T Tamarkin & Co., 850 Grand Ave, New Haven, CT 06511 1-800-289-5492
 W Woodmere Camera, 337 Merrick Rd., Lynbrook, NY 11563 (516) 599-6013
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