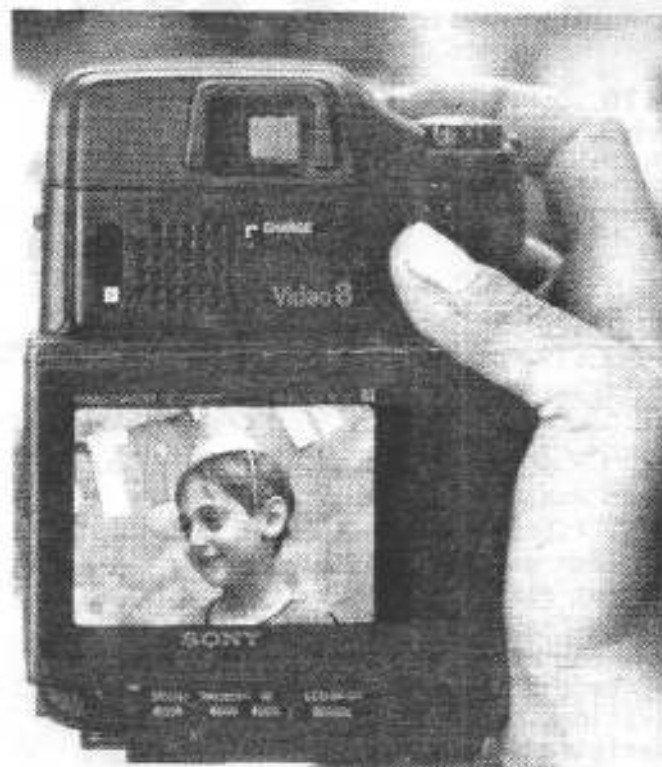


# THE SUBMINIATURE TIMES

The Subminiature Times is published monthly by Doylejet, P.O. Box 60311, Houston, TX. 77205 (713) 443-3409

Supporting 110, 17.5mm, 16mm, 9.5mm, 8mm, 4mm, 1mm, Microdot, and Electronic Still Photography.



## HANDYCAM IN YOUR COAT POCKET

THE SONY CORPORATION is trying to expand the market for camcorders by appealing to people who were intimidated by the size and complexity of existing models.

The **SNAP!** is built along vertical lines, rather than the typical horizontal layout. It is about 6 inches high and about 4 inches wide. At 1.4 pounds, Sony said it was the most compact model made and was intended to be carried in a purse or travel bag.

An unusual feature of the camera is a 3-inch liquid crystal display viewing screen, which means the camera does not have to be held to the eye when recording. The adjustability of the screen also allows for a variety of shooting angles. Officials of Sony said the camera would have a suggested price of \$1200 when it goes on sale in the United States in late October. In practice the price will be \$100 to \$200 less when it reaches stores.

Operating the **SNAP!** is a matter of using two buttons and a switch. One button turns on the camera and a light-emitting diode indicates that it is active. The other button records while pressed down and stops when released. Both actions are accompanied by audible beeps.

The switch changes between a regular lens and a telephoto with three times the magnification. When the camera is used to display recorded images, a panel must be opened to gain access to the start, stop, fast-forward and rewind VCR controls. The camera can also be used to play prerecorded movies, videos, and still images.

The battery for the **SNAP!** is stored in the raised hand grip on the front of the camera. Instead of the usual nickel cadmium battery, Sony has switched to a lithium-ion battery, which it said was smaller and lighter. The battery can be recharged in the camera by using a charger, which is included. The camera can record up to two and a half hours of video on a standard 8-millimeter videocassette and has automatic time-and-date labeling for each scene.

**MAMIYA-16 OWNERS** can receive a free subscription to the new periodic newsletter "Mamiya Memo". Send your name, address, and model # of your submini(s) to Registration Dept., Mamiya America Corp., 8 Westchester Plaza, Elmsford, NY 10523.

**SUBMINIATURE LIGHT METERS:** clip-ons, and tiny hand helds, contact Carol Stevens.



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## UPDATES

Conference: "Fundamentals of Electronic Imaging" Nov 11-12 R.I.T. (716) 475-2759.

Last month we had a chance to load a Rubix for a local collector. The camera has a spool within the cassette similar to a Steky, but with much less space for your fingers. We'll detail the loading in a future issue if there is any interest. The Kodak Cameo-110 hasn't been on the shelves long and is already being discounted for the Christmas market!

Our Tynar project has been temporarily derailed. The cassette we obtained does not fit because the camera we found is actually a Minute-16. Oh well.

The \$25,000 watch camera in last month's Quickfinder wasn't a typo. H.T. Anthony was a busy man. His cameras are shown on the opposite page. The comparable Lancaster watch sells for \$45,000.

## LETTERS

Dear Al,

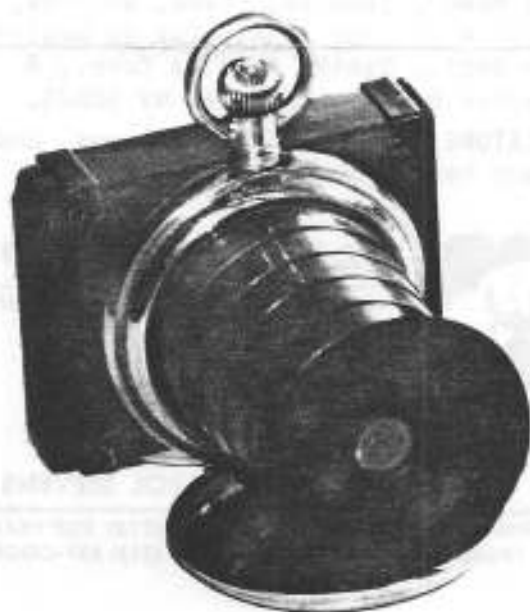
I'd like an article on loading 110 film in 16mm (Rollei) cartridges.

Joe O. Schon  
El Paso, TX

Dear Joe,

110 film is prefogged with numbers in the 8mm gap between frames. You can pull it out easily and load it in your Rollei cassettes, but expect to get only 5 frames from a 24 exposure roll properly centered. It works fine if you're just testing, or photographing something repetitive like waves. For serious work buy a 16mm x 100' roll of your favorite color film and keep it refrigerated. Most photo shops will return submini cassettes if you leave instructions at the desk and on the cassette.

AL D.



WATCH CAMERA  
16mm film, 30 exposures, 1/3.5 anastigmat lens, precision shutter with speeds 25, 50, 100th and Bulb. Both COLOR and BLACK-and-WHITE film available. Write for prices. (Incl. processing.) with Eveready leather Carrying Case and Strap **\$29.50** Incl. tax

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41 Broadway, New York



## The Anthony Watch Camera

Anthony introduced its watch camera in August, 1895. It bore a strong resemblance to the famous Lancaster Watch Camera.

The only known example, however, differs in details around the lens area. This, together with the inscription "The Watch Camera" and the name "Hegelein," may indicate this was a copy of the popular Lancaster manufactured by Anthony or someone else. It was priced at \$5 and made pictures  $1\frac{1}{4}$ " in diameter, while the Lancaster was made in two sizes which produced photos  $1\frac{1}{2}$ " x 1" or 2" x  $1\frac{1}{2}$ ".

Anthony's Watch Camera resembled a typical hunter case watch and opened with a spiral steel spring, much like a folding drinking cup. Pressure on the winding stem unfolded the camera. A button on the front released the shutter. It held a double cut film holder designed for celluloid film. <sup>366</sup>

## The Sunbeam

The Anthony Sunbeam Detective Camera, introduced after the Simplex in 1893 as a detective camera for 4" x 5" photographs, was covered in black grained leather and measured  $5\frac{1}{4}$ " x 7" x  $10\frac{1}{2}$ ". It was fitted with one double plate holder, detachable ground glass, achromatic lens, finder and shutter for time and instantaneous exposures. A hinged door folded down in the back for focusing. It also contained a rack and pinion focusing arrangement that was operated from outside the box. The Sunbeam was probably manufactured in Germany and sold for a low \$7.50. <sup>367</sup>

## The Vincent Camera

About 1891 Anthony introduced the Vincent Camera. Available in sizes from 5" to 7" to 8" x 10", it had a similar appearance to the Compact Camera, except for the bed that was constructed of two solid sections that telescoped one into the other. It folded compactly and was designed to be used for both short and long focus lenses. It was discontinued about 1896.

## The Petite Kamaret

Blair's Petite Kamaret appeared in Anthony's 1892 *Bulletin* and in Anthony's 1893 catalog. It boasted a rapid rectilinear lens and an automatic punch for preventing "double exposures and blanks." The safety shutter was set and released by the same spring. It measured  $4\frac{1}{4}$ " x  $4\frac{1}{2}$ " x 5" and sold for \$25 with a fifty exposure roll of film. Extra rolls of twenty five exposure film were available for \$1. This camera was intended to compete with Eastman's #2 String-Set Kodak, taking a similar  $3\frac{1}{2}$ " circular photo. Blair also offered a developing and printing service for the amateur, similar to Kodak's. <sup>368</sup>

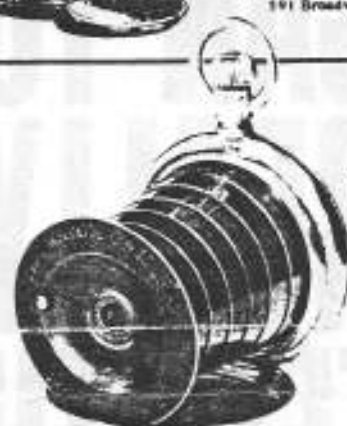
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**Anthony  
Watch  
Camera**

### Anthony's Sunbeam Camera.

It is a portable camera for pictures 4 x 5 inches, covered in black grained leather. It is fitted with one double plate-holder, detachable ground glass, single achromatic lens, time and instantaneous shutter, and finder. It is also fitted with tripod screw and plates for views, either vertical or horizontal. A hinged door in the back admits of its being focused for time exposures and a rack and pinion, operated from the outside of the box, governs the focus for instantaneous work. The outside dimensions are only  $5\frac{1}{4}$  x 7 x  $10\frac{1}{2}$  inches.



Price \$7.50  
Extra double lenses 1.00



**8 x 10 Vincent**

The Petite Kamaret is provided with a double Rapid Rectilinear lens. Location: (1) double exposure "double exposure" and "double" and the water is set in it and released by the same spring.

It is important to the water is set in it and released by the same spring.

It is important to the water is set in it and released by the same spring.



# CAN YOU REALLY TELL THE DIFFER- ENCE??

Want good sharp snapshots? Which camera do you buy, 2 1/4, 35mm, half-frame, sub or ultraminiature? According to MODERN's field tests, it doesn't matter very much. One seems just as capable as the next as far as film size is concerned. The proof of the pudding can be seen at right. Just for fun we've eliminated the actual camera sizes completely. We'll only tell you that one was taken with a Rolleiflex (2 1/4 x 2 1/4-in. negative), another with a Minox (8 x 11-mm negative), a third with a Tessina (14 x 21mm negative), a fourth with a Gami (12 x 17mm negative), a fifth a half-frame Olympus Pen EE (18 x 24mm negative), and the last with a full-frame 35mm Nikon F (24 x 36mm negative). Now let's see how good you are. Write down which camera you think took which picture and then compare your answers with the correct ones on page 104.—E.M. & H.K.



1. \_\_\_\_\_



4. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_



5. \_\_\_\_\_



6. \_\_\_\_\_

Submitted by Paul Price, Downers Grove, IL

# Give Minolta for Christmas

## ...the cameras with the most to give!



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Breathes life into your color slides.  
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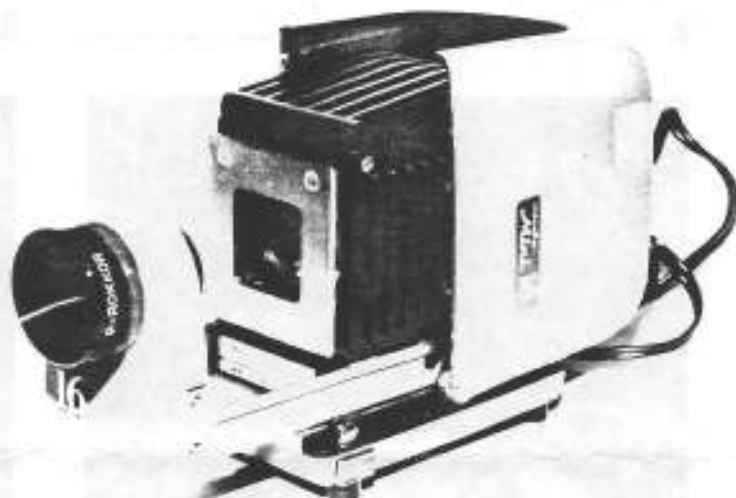
"U.S. Camera" Jan. 1960 submitted by S. Kessler, Burbank, CA.

### THE QUICKFINDER 11/93

Gami-16	\$495 H
KGB F-21 w/5 lenses	1500 B
Mamiya-16 nds wrk	39 B
Minicord	399 W
Minolta-16	39 B
Minolta-16 QT w/flash	98 B
Minolta-16 II	39 W
Minox B chr	165 K
Minox BL black	1195 H
Narciss 16mm SLR w/case	399 W
Pentax-110 + 3 lenses	189 W
PK 4020 electrnc watch	1995 H
Steky III	89 B
Tessina chr	495 H
Tessina w/loader = kit	899 W
Yashica Atoron	49 B
B Brooklyn Cam	(718) 462-2892
H Hayden Photo	(416) 862-8585
K KEH Camera	(404) 892-5522
W Woodmere Cam	(516) 599-6013

### HERE'S WHAT CAMERA MADE WHAT (from page 67).

(1) Olympus Pen EE. (2)  
Nikon F. (3) Rolleiflex. (4)  
Minox. (5) Tessina. (6) Gami.



### FREE CLASSIFIED

**FOR SALE** Minolta Mini-16 slide projector  
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