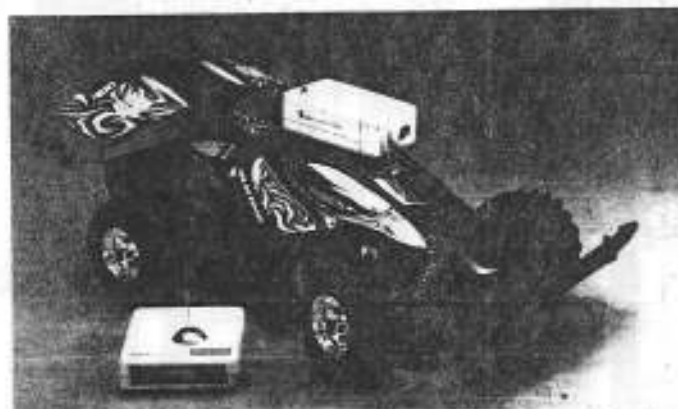


THE SUBMINIATURE TIMES

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.



Have fun patrolling your property with live video and audio from the comfort of your living room!

Updates

SUPERCIRCUITS has come up with an answer to the 110-firing tank (ST #62). Tiny camera/transmitter with built-in high sensitivity microphone measures 2-1/2 x 4-1/2 x 1-1/2". Use battery pack or wall outlet. Light sensitivity to 2 lux.

Range to 1000' with heli-phase antenna. Supercuits, 13552 Research Blvd. #B, Austin, TX 78750 Catalog. 1-800-335-9777

FUJI JUST LEVELED THE PLAYING FIELD for subminiature camera users trying to obtain maximum image quality; and The Subminiatureland Band is playing, folks are tossing confetti. Included with this issue is a high resolution chart (hole-punched for filing convenience). Photograph the chart from a 6' distance with your favorite pocketable. Then read the number beside the smallest legible set of lines on the processed film. You'll need a 30x magnifier or better (Micronta from Radio Shack). Future info on film, lenses, developers, will show a chart.

FUJI also sent data sheets on their super high resolution microfilms. We'd held off raving about these films until a single-roll source could be found.*

After testing and evaluating four emulsions we can offer this:

Kodak Tech Pan has a resolving power of 320 lines per mm. The FUJI HS-U that we love so much (ST #46) resolves 530 l/mm. Super HR, MS-U, and HR II resolve 850:

Surplus buyers are likely to encounter rolls of the discontinued HR II as local dealers clear inventories of partial cases. Use HS-U at an exposure index of 50, all the rest at 25. Note also, HS-U comes in 'Thin-Pak' 2.5mil stock that will allow you to load double lengths. * Maine Microfilm Svc. 179 Lincoln St., Lewiston, ME. (207) 782-6657.

INTERNATIONAL—Kodak Panther Film (high resolution color slides from home processing) reached the U.S. as Kodak Lumiere. Can busy GDR Minoxers offer tips?



SAVE \$3
9.99 Sale/Reg. \$12.99
Tele 110 Camera
Studio 110 tele/normal lens, focus-free, built in electronic flash.

U.S. Buy a TELE-110 for gifting, but seasoned collectors are cheering two new limited production 110 cameras featuring "Lion King" and Barbie doll tie-ins.

"King" has no track record but should do well with correct Disney marketing. Barbie-connected products are proven collectibles. You'll like the numbers on this all pink camera set (Kalimar). A 24-camera case, with typical 40% discount is \$280. We estimate a value of \$100 apiece in five years, or \$2,400!



17.99 Sale/Reg. \$19.99

Barbie Camera

Hollywood Star mini 110 camera with flash and folding glasses.

Application	Size	Core	NEW Fuji Super HR Catalog	Fuji HR-II Catalog	Kodak ImageLink Catalog	Agfa Copex Pan Catalog	Dataplex Dataplex Plus Catalog	Unitarys Catalog	Camera/Notes
Medium Speed Source Document 5 mil thickness polyester	16mm x 100'	Spool	HR-21	(HR-II) PT-21	HQ(1461)	Medium 2HV3	44611	NA	
	35mm x 100'	Spool	HR-20	PT-20	840 3594	21A1	NA	NA	
	105mm x 180'	Spool	HR-26	NA	834 0512	2HYM*	NA	NA	*Agfa has 100' on the spool
	105mm x 200'	UU Core	HR-24	PT-24	163 1027	2HYU	NA	NA	
	105mm x 200'	UU Core	NA	NA	130 0375	NA	NA	NA	Recent lot used camera. See HR-21.
Medium Speed Source Document 4 mil thickness polyester	16mm x 130'	Spool	HR-23	(HR-II) PT-23	HQ(2461)	PET 10 24F3	(4612)	NA	
	16mm x 600'	Spool	NA	NA	807 9362	NA	NA	NA	
	35mm x 130'	Spool	HR-19	PT-19	803 7863	24F7	NA	NA	
	35mm x 1000'	Spool	NA	NA	NA	24XJ	NA	NA	
									T-Core in COM-PAK Cartridge
Medium Speed Source Document 2.5 mil thickness polyester	16mm x 215'	Spool	(HR) HR-36	(HR-II) A-36	HQ(3461)	PET 06 GLO	(4613)	91-1004-885	
	16mm x 215'	Spool	NA	NA	812 8864	NA	NA	NA	
	16mm x 1025'	Spool	NA	NA	156 8849	2FVL	NA	NA	
									DP520
									Indestructible Film Cartridge Scanner B Cartridge
Medium Speed Source Document 5 mil thickness Triacetate	16mm x 100'	Spool	NA	(HR-II) A-21	NA	G3ND	NA	NA	
	35mm x 100'	Spool	NA	A-20	NA	HECZ	NA	NA	
	105mm x 100'	Spool	NA	A-25	NA	HE28	NA	NA	
	105mm x 200'	UU Core	NA	A-24	NA	HEC3	NA	NA	
High Speed Source Document 5 mil thickness polyester	16mm x 100'	Spool	NA	(HS-U) A-43	FS(1455)	Rapid 2G75	(4551)	NA	
	16mm x 200'	Spool	NA	A-44	NA	HR-1X*	NA	NA	
	35mm x 100'	Spool	NA	NA	163 2746	NA	NA	NA	
									*Agfa product on triacetate base
High Speed Source Document 2.5 mil thickness polyester	16mm x 215'	Spool	NA	(HS-U) A-46	FS(2455)	Rapid 10H1W	(4553)	89-0215-108	
									*S-series Proof Encoders
Medium/High Speed Proof/Sorter 2.5 mil thickness	16mm x 100'	Sim-Spool	NA	(MS-U) NA	FS(3455)	(RSM) NA	(4553)	NA	
	16mm x 215'	Spool	NA	PT-38	826 6882	3GAZ	NA	NA	
	16mm x 215'	B-Core	NA	PT-33	811 9182	NA	NA	93-0215-108	
	16mm x 215'	B-Core/Indige	NA	NA	817 5259	NA	NA	91-0200-203	
	16mm x 420'	B-Core	NA	PT-35	830 1475	3NX5	NA	NA	
	16mm x 420'	T-Core	NA	NA	146 4148	HXOZ	NA	91-4001-870	
	16mm x 1025'	N-Core/IBM/REI	NA	PT-32	830 2432	3MHR	NA	NA	
	16mm x 1025'	B-Core	NA	PT-34	NA	NA	NA	NA	
	16mm x 1025'	T-Core	NA	PT-38	811 0520	3GAX	NA	91-0620-200	
	16mm x 1250'	N-Core/REI	NA	PT-47	NA	NA	NA	75-1655-845	
	16mm x 1650'	N-Core/REI	NA	PT-37	NA	3GSA	NA	NA	
	16mm x 2000'	N-Core/IBM	NA	PT-49	830 2713	28SU	NA	NA	
					CS(3453)	(RSL) NA	(4553)	NA	
	16mm x 1025'	B-Core/Indige	NA	NA	841 1100	3GOD	NA	NA	
	16mm x 2000'	N-Core/IBM	NA	PT-49	830 2713	NA	823 4387	NA	
									Scanner B Cartridge IBM 3890

Order Placement:

2450 Satellite Blvd.

Duluth, GA 30136

(800) 366-3854 Fax (404) 813-5150



Fuji Photo Film U.S.A., Inc.

Micrographic Division

555 Taxler Road

Elmsford, NY 10523

MINOX PROCESSING LABORATORIES

ORDER FORM MARCH 1994

CAMERAS

1

10624	LX Camera with case and chain (chrome)	1385.00
10644	LX Camera with case and chain (black anodized)	1420.00
10154	EC Camera, battery, film and chain	399.00
11520	EC Camera Exclusive Kit, Electronic Flash, battery, film and chain	499.00

FLASH EQUIPMENT

22410	Cube Flash FE4 for EC Camera	30.50
22084	Cube Flash FL4 for LX,C,BL,B,IIIS Camera with case (chrome)	69.50
22484	Cube Flash FL4 for LX,C,BL,B,IIIS Camera (black anodized)	86.00
22125	Minox Electronic Flash for EC Camera	130.00
22126	Electronic Flash adapter for 22125 LX,C,BL,B,IIIS	39.50
22202	Hot Shoe - For all Cameras except EC and IIIS	
	Provides industry standard base for Flash units with hot shoe	34.50

CASES

22897	Combo Case for EC Camera and Electronic Flash (Black Leather)	34.25
14500	Case for EC Camera slip-on (Black Leather)	15.50
14604	Eveready Case for LX	41.00
14304	Leather case for C	41.00
14206	Eveready Case for B Camera (BELT CASE)	41.00

CHAINS

18160	Chain Ring for LX Camera (chain attaches directly to LX)	13.75
18120	Chain for LX Camera with measuring beads	18.25
18020	Chain for C,BL,B,IIIS Camera with measuring beads	18.25
18165	Chain for EC Camera	13.75
18166	Neck cord for EC Camera	9.50

ACCESSORIES

23107	Binocular Attachment for all Camera models except EC	165.00
23106	Cable release bracket for LX Camera (required with tripod)	13.00
23102	Camera Clamp for C,BL,B,IIIS Cameras (required with tripod)	42.50
23101	Pocket Tripod / swivel head and cable release needs 23102 OR 23106	82.25
23115	Cable release replacement for Tripod 23101	9.50
23504	Case for Pocket Tripod (Leather)	16.75
23138	Copy Stand (metric only)	165.00

FILM

21733	Color Film for color prints	ISO 100 36 exposure	9.25
21734	...	ISO 100 15 exposure	7.25
21736	...	ISO 400 36 exposure	10.25
21735	...	ISO 400 15 exposure	8.25
21731	...	ISO 25 Ektar 36 exposure	16.50
21110	Black & White	ISO 25 36 exposure	6.95
21112	...	ISO 100 36 exposure	6.95
21114	...	ISO 400 36 exposure	6.95
21116	Agfaortho COPY FILM	ISO 25 36 exposure black & white prints	6.95
21509	Minochrome SLIDE FILM	ISO 50 36 exposure - NOT FOR PRINTS	
		INCLUDES DEVELOPING - MOUNTS EXTRA	17.50

FILM PROCESSING

	Processing mailers require prepayment.		
91150	Color Film Mailer Processing for 15 exposure color film		9.95
91360	Color Film Mailer Processing for 36 exposure color film		16.95
91260	Black and White Mailer Processing for all 36 exposure films		16.95

Films (Color and B&W) received without mailer will be billed 3.00 for Developing,
.55 per print, .65 per reprint and 6.00 per 5x7.

Slide Film Developing \$5.50 : Prints from slides \$2.00 per print

DEVELOPING-ENLARGING EQUIPMENT, REPLACEMENT BULBS

25101	Daylight Developing Tank for Black and White film includes thermometer	72.00
25021	Thermometer for Daylight Developing Tank (replacement)	8.25
25011	Film Viewing Magnifier to view all film types for reorders	43.00
25004	Plastic Negative Preserver	1.00
25008	Spare Lamp 6V/6A (for short exposure)	12.00
25014	Spare Lamp 6V/3A	12.00
24420	Halogen Lamp 24V 150 W	12.00
24414	Transparency Viewing Magnifier with built in Cutter (for mounting slides)	72.00
97624	2 x 2 Plastic slide mounts for 35mm Projector (20/Box)	10.00

BATTERIES

94561	M - 504 Battery For Bulb Flash which uses AG1 type flash bulbs, 15 volts	7.50
94588	PX - 825 Battery for the CUBE flash with 2 button cell batteries, 1.5 volts	4.00
97291	PX - 675 for the light meter on the Minox BL Camera, 1.35 volt	3.35
97290	PX - 27 Battery for the CUBE flash with a single battery and most camera types, 5.6 volts	4.50
	<u>Sale of PX-27 Batteries prohibited in many States!! See new BATTERY HOLDER</u>	
22025	NEW Battery Holder with four 1.55 V. silver batteries to be used as substitution for PX-27	20.00
22026	V 386 1.55 volt replacement batteries for new battery holder (set of four)	5.40

FLASH CUBES AND BULBS

94634	Flash CUBES - 12 flashes /3 cubes Slyvania Blue Dot	3.75
94626	Flash BULBS - 12 AG1 flash bulbs	5.50

NEW ADDITIONS TO MINOX

95000	"SPY CAMERA" THE MINOX STORY by MORRIS MOSES, - hard cover 195 pages	34.95
22500	T8 Black makrolon Pocket Telescope measures only 4.1 x 2 x 0.6 in. Shirt Pocket Flat.	279.00
22520	T8L, CHROME METAL with chain and leather case	370.00
26100	Minox Binocular compact 8x22 Ceralin HR optical system, Viewing field (118 at 1000) yards	325.00

Credit on returned merchandise only issued if notification and/or return is made within two weeks from shipping date. Prices subject to change without notice. FILM CANNOT BE RETURNED OR EXCHANGED

MINOX Lab
BOX 1041
NEW HYDE PARK, NY 11040

← MAIL

VOICE 516-437-5750

FAX 516-775-8924

TOLLFREE 24 HOURS

800-645-8172

9.5 THE MINOX CLUB

The latest session of Congress failed to pass the total ban on mercury batteries. Watch for the hallowed PX 27 in the usual outlets before Christmas. Local delays are possible as Varta refills the empty pipeline.

Note in the Minoxlab catalog (above), they have the new battery holder which replaces the PX 27 with four 1.55v silver batteries, but no film splitters, empty cassettes, or AX cameras. (Hint) That ban will be passed eventually.

Ⓜ Movie "Secret Weapons"
(85-TV) Drama, KGB
colonel's (James Franciscus)
wife (Sally Kellerman) trains
seductive spy (Linda Hamilton). ★ (2:00) 862638

THE GREAT SPY MOVIE FAN CLUB

You'll have to stay up late to catch a fleeting glimpse of a black Minolta-16 MG in action, because they can't air this turkey in prime time. Here's one tipoff: Bunky's 16mm camera produces 35mm negatives!. Hit the clicker. *

ENJOYING "THE SUBMINIATURE TIMES"?

The coming postal increase forces us to raise our rates in 1995. You can purchase any of the back issues at the present rate, and lock in up to 3 years subscription if you act before January 31, 1995.

The subscription rate is currently \$15 per year, \$22 International. The back issues are \$2 apiece. Please include 10% s&h, 20% International.

THE PKS ORIGINALS FILM CUTTER

(Part 4)

16. Attach film post (#7) to the top of part #1 with #10 screw. Glue in place, making sure that the end with the hole is farthest from the platform. The right side of the film post should be 1-1/8" from right side of the platform.

17. Join Cutter Assembly. Use the 5" x 1/4" stove bolt (E). Set razors into cutting position with cutting edge not higher than 1/8". Use a washer on each end of 5" bolt. Bolts C & D are fitted into the platform for the Assembly.

(Continued)

THE SUBMINIATURE TIMES QUICKFINDER 12/94

Cambinox w/ 90/3.5.....	1579	C
Minox B w/case, chain.....	119	K
" EC kit.....	199	K
" HP-24 Projector (rare)....	799	W
" LX Sterling silver.....	4995	P
" LX black.....	484	K
Still Video: Mavica kit.....	239	H
Canon RC-360, RC-570,		
Fujix DS-100, Sony MVC-C1.....	Call	H

C	Camera Classics Ltd	1-800-807-2813
H	B & H Photo	1-800-221-5743
K	KEH Camera	(404) 892-5522
P	Profoto	(212) 239-8689
W	Woodmere Camera	(516) 599-6013



CORONET
Midget

(actual size)

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Smallest
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Photog-
raphy

... "snap" friends, relatives, people, children at play, pose in their intimate moments—unobtrusively—and without their knowledge. ... Entirely new in design and construction, the CORONET is a precise instrument with a fine Taylor-Gibson Lens, Instant Shutter, a Safety-Catch to prevent accidental exposures and a clear, luminous Optical Viewfinder. ... In every detail of its construction, a unique excellence distinguishes this marvelous little camera which you will be proud to own. The highly corrected lens produces pseudo-elastic negatives that enlarge beautifully. ... Made in England's most important camera factory, the CORONET is a rugged and substantial instrument encased in beautiful Bakelite. ... Known by thousands as "The Tom Thumb of Camera," the Midget is the world's smallest 18mm Miniature Camera as well as the smallest.

**15-DAY UNCONDITIONAL
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Price, if ordered now, includes 2 rolls
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\$2.85
Postpaid
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C. O. D. Orders

CORONET CAMERA CO.
251 West 42nd St., Dept. 48, New York

HELPLINE

HART in Houston seeks Coronet Midget (shown) (713) 868-9606.
TERRY in Schiller Park, IL. needs a darkroom scale, any condition.
SQUINTING IN SEATTLE wanted to print a large number of 8mm frames. By phone we recommended either the Cinelarger, or "batch negative" by printing enlarged strips onto sheet film. Ten minutes later, remembered the old Movie Enlarger from Cambridge Camera. Anybody have one?
SEIKO FITS TESSINA" which model please?
FICHE MAVEN who finds old copies of "Popular Photograph" do you have Vol. 53, No. 8 (August '65) Al D.

Cambron
Movie Enlarger
• Enlarges from 8mm to 35mm
• Makes Slides
• Makes Negatives
• For Most SLR'S

49⁵⁰

Dear Al,

What's with MicroTec? No answer on 1-800-419-7512, even after hourly, daily calls.

J. Rider
Goose Creek, SC

Dear J.R.

We're hoping all's well. Keep trying.
Al D.

Dear Al:

I've been following the running comments on whether the B or the EC has the better lens. My feeling is that they are almost equivalent, but the EC should have a very slight edge due to the fact that it is "stopped" down to f/5.6. I think there is a good possibility that they use the same lens with a Waterhouse stop being added to the EC to increase its range of focus down to 4.5 feet. I know that the EC uses a Waterhouse stop because its possible to have a competent Minox repairman "open" the stop to at least f/4.5.

R. G. Parks
Las Vegas, NV

Dear R.G.:

Excellent tip.

Al D.

FREE CLASSIFIED

Minolta-16 EE w/case.....	\$25
" -16 EE II (parts).....	8
" -110Z (parts).....	10
" -110Z w/case.....	45
" Cassettes.....	2
" Film outdated, ea.....	4
" Rokkor enlarging lens.....	25
Steky Cassette w/film.....	8
Tynar Cassette w/film.....	8
Yashica Atoron flash gun.....	6
Arthur T. Skopec, 154-24 24th Rd, White- stone NY 11357-3731	

WANTED: Need copy of instruction manual for Minox ME-1 Electronic Flash. Thanks much. Leslie B. Derby, Jr., 1207 Yacht Basin Dr., Colonial Hts., VA 23834

FOR SALE OR TRADE: KGB F-21 subminiature cameras in different concealments. I'm seeking other authentic "spy" cameras and any microdot related material. Keith Melton (318) 747-9616 (days).

"I AM SUBMINIATURE."
"NO SIR, YOU ARE THE PATIENT."

The past twelve months have had their ups and downs here at Box 60311. But your calls and letters made the hours worthwhile.

As you read this its anybody's guess whether or not Minolta is still supplying 16mm film. Contradictory reports from loyal fans are that it depends on who picks up the phone at Minolta, Ramsey, NJ. Last price for Plus-X 100 was \$4 per cassette. Ask for Ken.

Minox owners have greatly improved my handling techniques with the little EC after I admitted making waist-level pictures of my belt buckle (ST #58).

"Take the camera out of a left side pocket with the wrist strap hook pointing down, the button facing outward. As soon as the camera is opened its facing forward."

And this hat spinner - "Carry the EC in your necktie. Sew a fish hook into the tie. Make a loop through the strap hook with nylon thread. Hang the camera on the hook. It won't come off until needed, and always with one finger on the shutter button."

A longtime subscriber called, asking in a very refined accent about "a good film to take pictures in theatre." The most important qualifications were that it had to be high speed, and fast drying.

I recommended Filmdex D-L (ST #57). "After a sponge wipe, it'll dry in your fingers in 30 seconds" I said. "But while its drying don't run around the house like some twit dancing about a May Pole, or you'll get dust spots."

A few days later we received a cancellation notice on his subscription and a letter reprimanding the low level of my consciousness. Both were written in red ink (with a hint of jasmine?).

The manager of a local fast food place read about the Supercircuits Cameras, and set up a pinhole camera aimed at his cash register to catch a pilferer.

The roof had just been repaired, so he took the opportunity to go in on a Sunday and installed a solar panel. It supplies independent power to the camera and transmitter, mounted in tiles behind a french fries cooker. The signal could be picked up by a portable TV he keeps in his car.

But, suspecting him of the thefts, the owner fired him.

He found a better paying job so quickly he never told his ex-boss what fun it is to drive by, and watch the remaining employees rob him blind.

"T. Joe" in New York City is an old friend and UFO buff. Swears he doesn't move an inch without his Minox LX. Even carries it in his pajamas, loaded with high speed infrared.

"If I'm abducted don't worry" he likes to say. "I'll definitely come back with some pictures."

I've tried to point out that there haven't been too many cattle mutilations on the corner of 72nd St. and Broadway, and his film probably fogged out the first night he slept on it; but what the heck.

I sleep well too, just knowing that our french fries are safe.

Happy Holidays everyone. Subminiature lives!

Al D. & Family



SHARP ELECTRONICS' NEW LINE OF ACTIVE MATRIX FLAT-PANEL DISPLAYS are ideal for automotive and other transportation applications. These full-color, NTSC- and PAL-compatible, 4"-diagonal to 5.6"-diagonal LCDs are suitable for displaying transportation information such as global positioning and diagnostic screens. Four models are available ranging from \$400 to \$999. For more information, contact Sharp Electronics Corporation, 5700 N.W. Pacific Rim Blvd., M.S. 100, Beaverton, WA 98007. (800) 541-0241.



IT'S ALIGHT

This camera has one hot shoe! Press the shutter and a flame emerges from the top of this miniature camera lighter, available in black, blue, white, and red for \$12.95 plus \$3.50 for shipping and handling from De La Concha Tobacconist, 1390 Avenue of the Americas, New York, NY 10019; (212) 757-3167.