

**ZEISS IKON
VOIGTLÄNDER**

Moviflex S8

A new movie camera
for Super 8 film
with fully electronic
aperture control.

A winner

from the Golden Program



**Simple and extremely
dependable —
great versatility —
modern styling**

This new 8 mm MOVIFLEX S 8 is built to satisfy the beginner and the advanced movie maker. Intentionally it has been given no fancy technical frills. Its very appearance, every detail of its styling demonstrates the modern concept of this camera. Under all shooting conditions, its ease and simplicity of operation is exemplary. Many outstanding and even unique features of this camera have made the MOVIFLEX S 8 the best and most dependable equipment for successful movie making. Additional technical refinements offer so many possibilities for creative photography that even the advanced movie-maker will admire its great versatility.



Moviflex S8

Technical Data

Lens: ZEISS VARIO-SONNAR f/1.9, 9-36 mm, with manual zoom range, offering complete control over zoom effects. Designed for right or left hand operation.

Iris diaphragm, optically the best diaphragm system, stops down to f/45.

Flicker-free, extra-bright reflex viewfinder with illuminated zone focusing symbols and warning lights which signal insufficient lighting conditions or end of film. Adjustable finder eyepiece for eye correction.

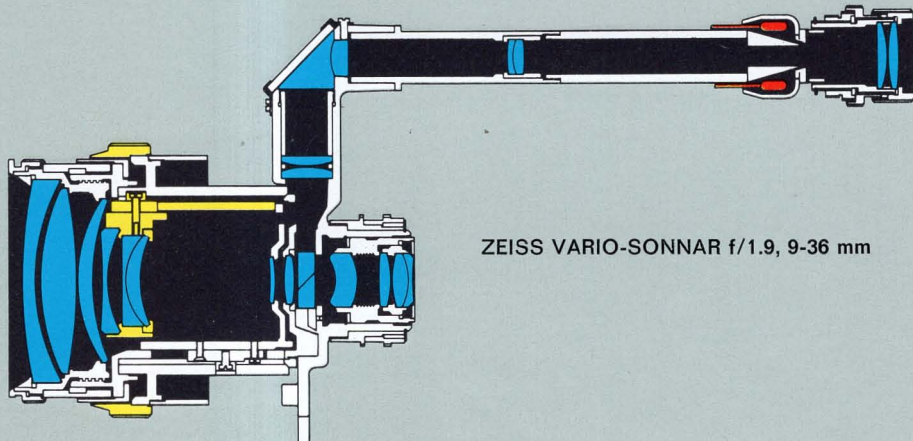
Fully electronic aperture control, including transistorized amplifier, bridge circuit and

servomotor; CdS photo resistor for through-the-lens exposure measurement. Also, optional manual setting of f/stops.

Electric film drive for 18 and 24 fps and also single-frame; handy release button with lock and catch for continuous run; socket for cable release.

Drop-in film loading with Super 8 cartridge. Exposure meter is automatically adjusted to the recommended film speed (11 to 21 DIN, 10 ASA to 100 ASA) and type of film (daylight or tungsten-type films).

Automatic exposure control is switched over to artificial light measurement when using a light-bar with special plug-in socket. MOVIFLEX S 8 requires one size of battery only (Four 1.5 volt batteries).



ZEISS VARIO-SONNAR f/1.9, 9-36 mm

... because the lens is so good

A top-quality 8 mm camera needs a lens that satisfies extremely exacting requirements. The high-speed 9-36 mm ZEISS VARIO-SONNAR f/1.9 was designed

especially for the new Super 8 format. It guarantees outstanding sharpness over its entire zoom range and at all available lens openings. The illumination of the entire field is excellent, without fall-offs in the corners. Thanks to the highly exact color correction, this high-performance lens is equally well suited for color and black-and-white films. For the first time, the iris diaphragm, optically the best diaphragm system, has settings from f/1.9 to f/45, which eliminates the use of neutral grey filters in very bright light, e. g. for beach or snow scenes. The deflecting prism of the view-finder is placed in front of the iris and rotating diaphragms which accounts for the extremely bright, flicker-free and parallex-corrected viewfinder image.

Picture composition and effects

The pictures below, taken from the same camera position, demonstrate the amazing zoom range of the ZEISS VARIO-SONNAR for MOVIFLEX S 8. This truly outstanding lens lets you zoom from 9 mm wide-angle to 36 mm telephoto without appreciable loss in picture quality, and you can still take these scenes with the camera hand-held. The 36 mm focal length of your Moviflex is comparable to a 250 mm telephoto lens for a standard 35 mm camera. With a handy lever you can either zoom the lens in or out to create special effects while filming, or you may wish to zoom the lens in on a certain distant object for a close-up view.



Focal length

9 mm 12 mm 15 mm 20 mm 25 mm 30 mm 36 mm

Angle of view

42° 33° 27° 20° 16° 14° 11°

The viewfinder is always fully corrected

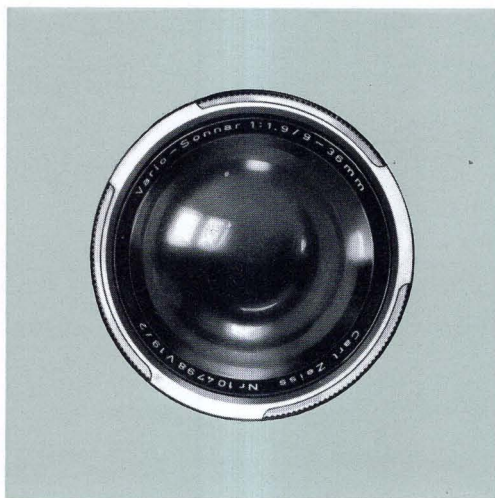
The reflex viewfinder always shows exactly what will be on the film; this includes wide angle, telephoto or even close-up pictures with supplementary lenses. A rubber eyecup

offers side light protection on bright days. Eyeglass wearers can either adjust the viewfinder eyepiece for perfect vision without glasses (up to ± 5 diopters) or use the camera with their own eyeglasses. In this case, the rubber eyecup must be folded back. It will protect the eyeglasses against scratching. On the following page we shall explain that the MOVIFLEX S 8 is equally suitable for right or left hand operation.

Rapid change of subject — rapid operation

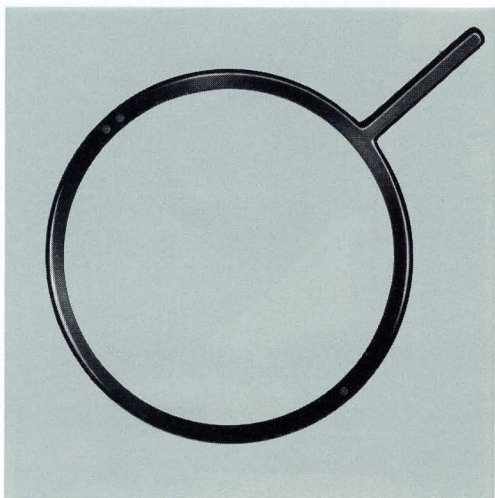
The most widely used film-making techniques call for frequent changes of camera position, shooting range and focal length of lens. The MOVIFLEX S 8, provides an incredible flexibility and convenient operation. There is a big milled ring with clearly marked scale for finger-tip focusing. In addition, the focusing zone in use is shown in the viewfinder as an illuminated signal. Therefore, you can never forget to reset the lens, should the subject move into another focusing zone. The focal length is adjusted with a conveniently located lever. The focal lengths are shown on the lens barrel for necessary depth of field readings.

With the MOVIFLEX S 8 you can fully concentrate on the subject and the action.



Left or right hand operation

The zoom lever is removable and can be adjusted for left or right-hand operation. All other camera controls are arranged in such a way that they are just as easily accessible to the right as to the left hand.



The clear control panel in the finder

By sighting through the finder of the MOVIFLEX S 8 you can check all settings in an instant.

Illuminated signals indicate the zone focusing setting: The signal on the left for portraits (4—13 ft), the one on the right for landscapes (20 ft. to ∞). At intermediate ranges between 13 and 20 ft., both signals light up.

These clear signals are impossible to overlook. A red signal in viewfinder indicates necessary film change or no film in camera.

A yellow warning light guards against possible underexposure. The viewfinder image is not impaired by pointers or disturbing scales.

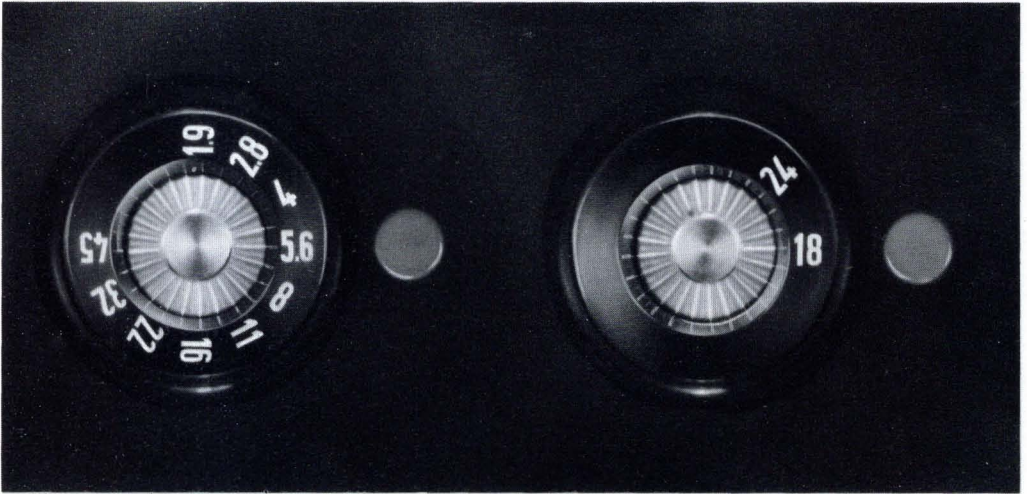
Radiantly bright, needle-sharp and flicker-free, it shows exactly the same picture during filming as you see during subsequent projection.



Automatic aperture control — fully electronic

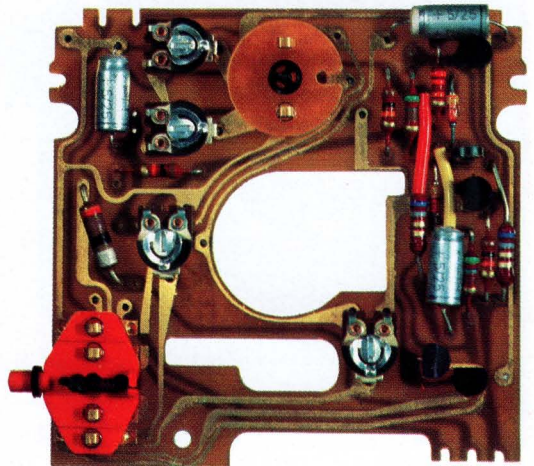
The most important practical advantage: There is no need to worry about setting the f-stop. The iris diaphragm is controlled by a servo-motor with multi-stage transistorized amplifier and a resistor. The light is measured through the lens by a CdS photo resistor. While zooming the lens in and out, the iris diaphragm automatically adjusts itself to

compensate for the change in focal length. Wrong exposure is practically impossible. Even when changing film speeds from 18 to 24 fps, no adjustment of the aperture control is necessary. Also, the film exposure index setting ranging from 10 ASA to 100 ASA, or the film type setting (daylight or tungsten) are automatically included in the aperture control system. When using single-frame exposure for titling and animation, the aperture is set by hand. Manual settings are also possible for continuous running. A special design feature ensures that at the end of such scenes the aperture control mechanism is automatically cut in again. The system of controls on the MOVIFLEX S 8 offers a maximum of convenience and fool-proof operation.



MOVIFLEX with an electronic brain

The transistorized electronic light-measuring system, which is comparable to a miniaturized electronic computer, has no moving parts. Therefore, this unit is not subject to any mechanical failure.



The practical pistol grip

Thanks to the pistol grip, the MOVIFLEX S 8 rests firmly and securely in the hand. No tripod is necessary even when using the longest focal length of 36 mm. The release is tailored to fit the finger. It can be depressed easily by right- or left-handers — even with thick winter gloves. By depressing it to the pressure point, the automatic aperture control

alone can be activated, if you want to check the lighting conditions and depth of field before shooting. A lever prevents accidental release and also serves to set the camera on "continuous" operation if you want to get into the picture yourself.

For this sort of scene the MOVIFLEX S 8 has a tripod thread. It is in the base plate of the grip so that panning from the tripod presents no difficulties. The necessary stability is ensured by the fact that camera and grip comprise a single metal part. Only one type of battery is used to power all electric and electronic components. At normal temperatures, one set of batteries (4 x 1.5 V) will expose about 20 films. There is a battery-tester on the underside of the camera.

**Pistol grip with release
for right- and left-handers**



**The batteries are easily renewed.
They are obtainable all over the world.**



Simplified loading with Super 8 cartridges

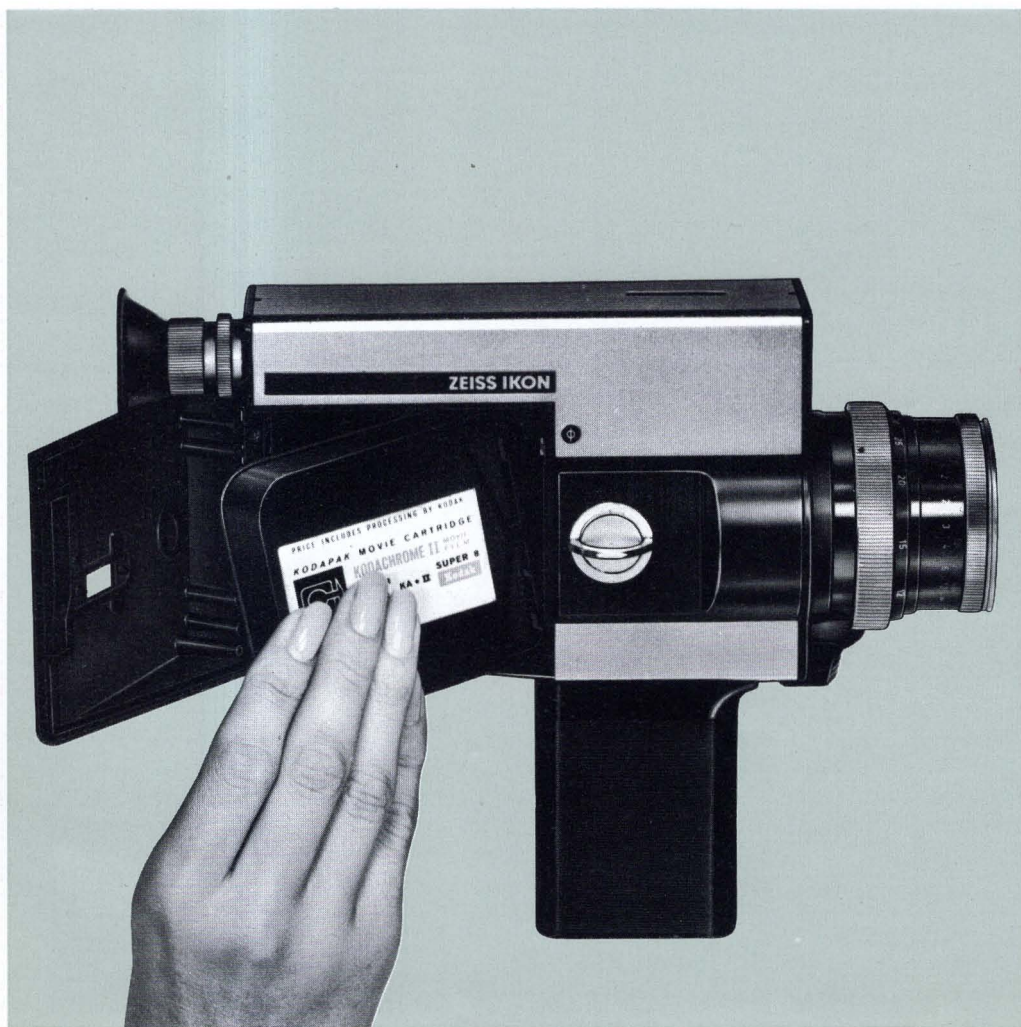
Merely insert a Super 8 cartridge, close the lid, and you are ready for action.

The MOVIFLEX S 8 does all the rest.

No complicated threading, no transfer or mixing up of spools. The speed of the film (daylight or tungsten) is automatically scanned and reported to the camera's control centre.

And a conversion filter for color-true exposure in daylight or artificial light is also automatically swung into or out of the lens axis. The cartridge snaps into place, so you can literally feel that you have done nothing wrong. All the things you formerly had to do to ensure correct exposure measurement can now be forgotten.

The MOVIFLEX S 8 automatically does everything correctly.



Close, closer, closest

The world of small things is often the most interesting. The ZEISS VARIO-SONNAR can be focused down to 4 ft. At this range

and using the longest focal length, fairly large blossoms fill the frame.

With four supplementary lenses, close-ups can be made of small objects. The minimum ranges are 25 in. ($f = 1$ m), 18 in. ($f = 0.5$), 14 in. ($f = 0.35$) and 11 in. ($f = 0.2$).

Using the 36 mm focal length and $f = 0.2$ supplementary lens, objects such as insects approximately $\frac{3}{4}$ " x 1" in size fill the frame. The parallax-free reflex finder and the automatic aperture control, which remains fully effective for close-ups make sure that such scenes, too can be filmed without difficulty.

Incidentally — owners of the famous CONTAREX can use their supplementary lenses for the MOVIFLEX S 8 as well, for both cameras have the same bayonet fitting.



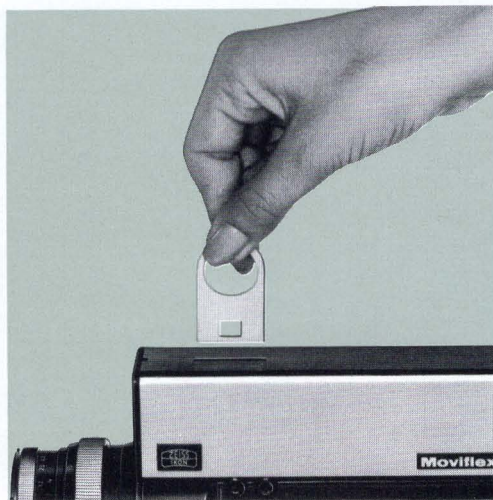
Practical footage counter

The footage counter is in full view when the camera is in the shooting position, permitting instant reading of the amount of film left, either in feet or meters. When the film is changed, the counter automatically returns to its initial position. The red warning light in the finder indicates the end of the film and whether or not the camera is loaded with film. The type of film, to which the MOVIFLEX S 8 adjusts itself automatically, can be read off in a small window.



No trouble with tungsten light

When using a light bar with plug-in base, the automatic controls of the MOVIFLEX S 8 convert the camera to give color-true exposure of the loaded film. If artificial light sources without a plug-in base are used, the same result is obtained by inserting the key supplied with the camera. This key can also be used to open the battery compartment in the pistol grip and to loosen the captive screw at the front of the camera to which other accessories (in preparation) can be attached.



Moviflex S8

with ZEISS VARIO-SONNAR f/1.9, 9-36 mm,
wrist-strap, rubber eyecup, lens cap and
artificial light key Cat. No. 34.1005

Accessories

Universal case	Cat. No. 23.3202
Carrying Case	Cat. No. 23.3203
Lens hood (flexible) B 56	Cat. No. 35.0704
Supplementary lens f = 1 m	Cat. No. 20.0843
Supplementary lens f = 0.5 m	Cat. No. 20.0844
Supplementary lens f = 0.35 m	Cat. No. 20.0845
Supplementary lens f = 0.2 m	Cat. No. 20.0840
Color filters (UV, Skylight, Icolor B) B 56	Cat. No. 20.1061/62/63/64/65/68
Shoulder strap for camera without case	Cat. No. 23.3403
MOVILUX S 8, projector for Super 8 film with high-quality Zeiss lenses	Cat. No. 36.0081/82/83

ZEISS IKON VOIGTLÄNDER

... because the lens is so good.

We shall be glad to demonstrate the modern MOVIFLEX S 8 camera to you.

