



PHOTOGRAPHIC CAMERA
"ZORKI-6"

VSESOJUZNOJE OB'EDINENIJE
MASHPRIBORINTORG
USSR MOSCOW

PHOTOGRAPHIC CAMERA

"ZORKI-6"

The photographic camera, model "Zorki-6", is a miniature film camera with coupled range-finder. The camera is designed for use by both amateur photographers and professional camera men in all kinds of photography.

A distinct feature of the camera is that shutter setting, one-frame film supply and exposure counting actions are effected simultaneously by turning the shutter-setting lever. This provision makes it possible to make snapshots at a fast rate without removing the camera from the eye.

The camera is provided with the view-finder and range-finder combined in one field of view; the view-and-range-finder assembly is mechanically linked with the objective which ensures accurate focussing at the moment the shot is being taken. To improve the accuracy of the range-finder, the eyepiece of the range-finder is made dioptrically adjustable to fit the photographer's eye.

The camera is provided with a four-lens anastigmatic objective with coated optical surfaces and internal iris diaphragm.

The camera can be used both with changeable long-focus and short-focus objectives of various types.

The trouble-free variable-opening shutter allows the photographer to obtain momentary exposures ranging from 1/30 to 1/500 sec, and long-time exposures too.

Another advantage of the camera is provision of an automatic releaser mechanism which operates at all exposure settings of the shutter obtainable and ensures a 9 to 15 sec delay till the shutter is released. The camera is provided with a synchronizer which makes it possible to use the camera with both single-action and multiple-action (impulse-type) flashlamps.

The back plate of the camera is made detachable to facilitate the camera loading.

Mounted in the reverse taking-up knob is the exposure counter.

The camera is delivered in a leather case.

BASIC SPECIFICATIONS

Size of film, mm	35
Size of picture, mm	24 × 36
Film magazine capacity, pictures	36
Type of objective	"INDUSTAR-50"
Focal length, mm	50
Relative aperture	1:3.5
Diaphragm scale range	from 1:3.5 to 1:16
Field of view	45°
Distance scale range, m	1 — ∞
Automatic exposure speeds of variable-opening shutter, sec	from 1/30 to 1/500 and "B" (manual control)
Operating time of automatic releaser mechanism, sec	from 9 to 15
Range-finder base, mm	67
Magazine	metallic, automatically opening, taking 1.6 m length of film
Camera overall dimensions, mm	70 × 80 × 135
Weight of camera, gr	580
Weight of camera with case, gr	800