

# Dirkoma K90

## User Manual

Pinhole camera Dirkoma K90 is designed to use 35mm film format. Keep the device in a dry location and do not expose to strong wind and rainy weather beyond the necessary period for shooting. When handling the device, do not use violence and prevent ingress of dust and dirt into the hole.

Technical specifications:      Image Format 35x90mm

                                Focal length 40 mm

                                Focal Ratio 140

The image exposes over the perforation.

Instructions of use: Inserting a film into the camera: Remove the two screws, the back cover and the rewinding wheel. Insert the end of film, showing out of the new spool, into the open spool, or tape to the rest of the used film, and insert into the open spool. Insert spools with film prepared this way into the device, put back the rewinding wheel, and reattach the cover by screwing back the screws. Turn the rewinding wheel, until the indicator turns three times.

Shooting pictures: Place the device on a tripod or a solid surface. Brass pegs on the body show the frame edge. Loosen the lock screw of the shutter and by turning the shutter shoot the picture. After the exposure period, close the shutter and secure by tightening the screw. Follow by turning the rewinding wheel until the indicator turns two and a half turns. One shot is 2.5 times wider than the usual image exposed on 35mm film. The 35mm film made for 36 shots can contain 14 shots made by Dirkoma K90. If you require film numbering to have the same orientation on film and the image, you have to rewind the film and switch the spools. Determine the exposure time by calculating them for focal ratio of 140. Approximate time for ISO 100 is 5 to 10 seconds in direct sunlight, 10 to 30 seconds on cloudy day and 1 hour in the room with light coming through the windows.