

Dirkoma S180

User Manual

Pinhole camera Dirkoma S 180 is designed to use 120 film format. Format 220 cannot be used. 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 56 x 180mm
 Focal length 85 mm
 Focal Ratio 210
 The film moves along a cylindrical surface at the same distance from the hole.

Instructions of use: Inserting a film into the camera: Remove the two screws on the edges of the device on the top side and pull the top lid with the interior upwards. Turn the locking levers and remove discs with center pins. Insert the empty spool on the pin of rewinding wheel, and a spool of film on the opposite side. Insert discs with center pin and lock the levers. Drag the deployment strip across the film path and insert the end of the film into the slot of the empty spool. Turn the rewinding wheel, until the deployment strip is caught on the spool. Insert the lid back into the device and screw the screws back in. Use correct orientation - part with a cover paper on the side of the viewing window. Turn the rewinding wheel until the display window shows the number 2.

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 display window shows the number 5. One shot exposes over three 6x6 boxes, therefore you should rewind the film until numbers 2, 5, 8 or 11 are shown. Determine the exposure time by calculating them for focal ratio of 210. 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.