

# Dirkoma A02

## User Manual

Pinhole camera Dirkoma A02 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    24x60mm  
   Focal length    variable  
   Focal Ratio    100  
   Film goes along a cylindrical surface, and is deformed.

Instructions of use:    Inserting a film into the camera: Unscrew the screw in the middle of the front side and remove the lid. 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. Pull about 10 cm of the film, create a loop and insert both cartridges into the device so that the film encircles the guide area and empty spool is in position with the rewinding wheel. Reattach the lid by screwing back the screw. At the same time make sure the orientation is right. The pinhole must be against the middle of cylindrical surface for the film. Turn the rewinding wheel, until the indicator turns three times.

Shooting pictures:    Place the device on a tripod or a solid surface. Image is exposed onto the film as a ring straightened into the line, without showing its center. Therefore tilt the device 60 degrees back. The exposure method is very specific, and to find the required composition one must use trial and error method. 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 turns. The 35mm film made for 36 shots can contain 17 shots made by Dirkoma A02. 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.