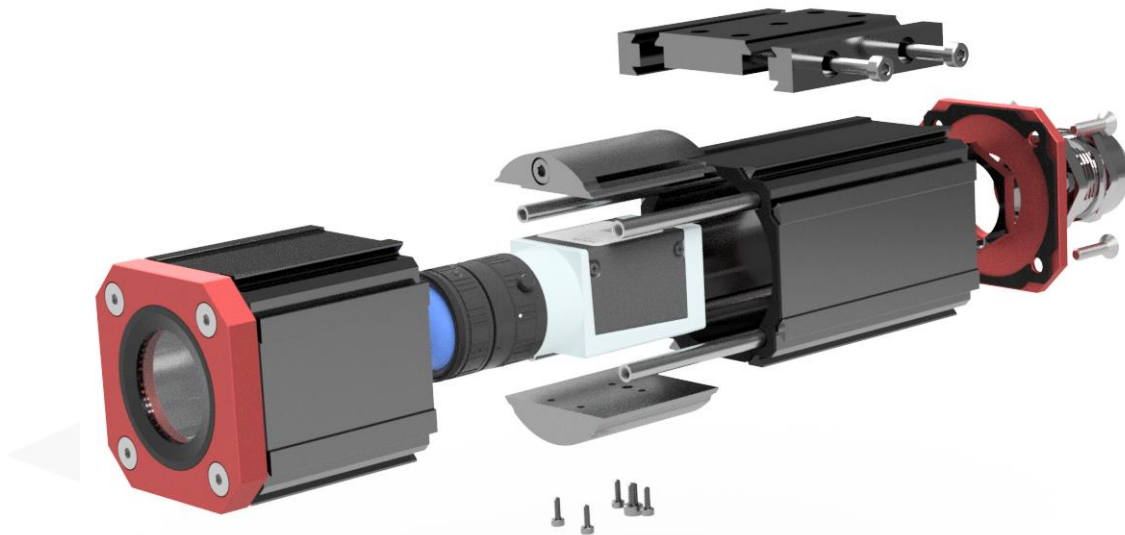


Industrial Camera Cover CH50

User manual

Installing the camera in the camera cover



Step 1 – Removing the front part of the camera cover

Remove the four screws to remove the front part (see Figure 1 – Dismantling the front part) and slide the front part forward.



Figure 1 – Dismantling the front part

Step 2 – Mounting the camera

Attach the lower fixed part of the spacer to the camera. Place the top of the spacer and insert it on the guide rods as shown on figure. We also recommend dismantling the back of the cover (like the front) to lock the camera to the exact position by holding it from the back.

Insert the camera into the rear of the camera cover to the required distance (viz. Figure 2 - Mounting the camera) and lock with the screw A.



Figure 2 - Mounting the camera

Step 3 – Mounting the front of the camera cover

Make sure that you have the camera lens properly set and that it is at the correct distance behind the front glass.

Slide the front of the camera cover onto the guide bars and secure by screwing the screws to a torque of 2-3 Nm.

Use the reverse procedure when dismantling.

Connecting cables



Figure 3 – Removing the back of the cover

Remove the back of the cover if you did not do it in step 2.

The cable gland allows installation of two 4-6 mm diameter cables. If you use only one cable, use the included blind seal in the second hole.

How to install the cables:

- 1) Unscrew the cable gland nut and thread it on the cables.
- 2) Install the sealing ring and pass through the gland.
- 3) Connect the cables to the camera connectors and screw in the gland nut.
- 4) Install the back of the cover.

Additional lens adjustment

To adjust the aperture or focus of the lens, it is necessary to dismantle the front of the cover according to the procedure in „Step 1 – Removing the front of the camera cover“.

After setting the lens, install the front cover back to position.

Installation of the camera cover using a mounting kit



Figure 4 – Installing mounting kit

- 1) Attach the mounting pad A using any prepared holes on the construction.
- 2) Attach the side sections B of the mounting kit using the grooves to the camera cover and the mounting plate.
- 3) Screw the screws C.

Maintenance

The enclosure is designed for industrial premises and is intended to cover the camera. Aluminum parts need not be kept clean. If necessary, use a damp cloth to clean. Do not use aggressive cleaning substances that could damage the seal.

For the correct operation of the camera it is necessary to keep the cover glass clean. Blow dust with compressed air or use a damp cloth.

Repairs

Do not repair the cover or individual parts. Surface scratching of aluminum does not affect the properties of the cover. If the cover, glass, or any of the seals is mechanically damaged, its properties will be lost. Do not use the damaged cover. In case of repair of the cover, contact the manufacturer.

Disposal

Dangerous substances were not used during the production of the cover. Hand over the cover for disposal in any collection yard.

Technical specifications

Material properties

Body	Anodised Aluminium
Seal	EPDM
Cover glass	N-BK7, anti-reflection coating MgF2 (standard 390~700 nm)
Cable gland	Nickel-plated brass, NBR
Mounting kit	Anodised Aluminium

Dimensions, environment

External dimensions	Cross section 56 x 56 mm, length 173 ± 2,5 mm incl. the cable gland
Internal dimensions	Ø 50 mm
Cover glass	Ø 35 mm
Protection class	IP 66
Weight	600g including accessories

Manufacturer, State of origin

Argutec, s.r.o.
Na Nivách 1339/4
700 30 Ostrava-Zábřeh
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