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PRODUCT DATA SHEET

CH50v2.2026.v7

INDUSTRIAL CAMERA HOUSING
CH50

EN

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CH50 industrial camera housing

The CH50 industrial camera housing is perfect for machine vision systems in industry. With an IP69 rating, it provides reliable protection. Its aluminium body combines strength with modern design. With customisation and extension options, it offers flexibility for different applications. Easy operation and versatile use make this housing the optimal choice for industrial applications.

Anodised aluminium body

Length adjustment possible on request

Mechanical protection and cooling of the camera

Removable front and rear parts

Low weight, variable mounting with a supplied mounting kit

Cable gland supplied for 2 cables with 1 plug

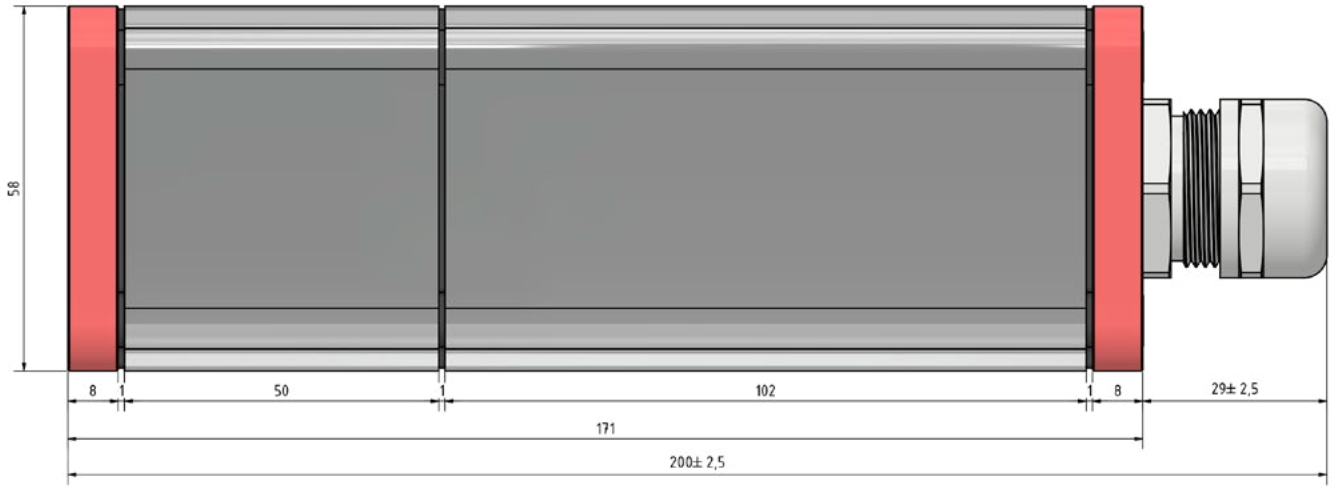
Front part adapted for easy lens adjustment

Material properties	
Body	Anodised aluminium
Seals	EPDM
Cover glass of CH50v2.DIA35	H-K9L (equivalent to N-BK7 borosilicate), MgF2 anti-reflective coating (standard transmittance 390~700nm)
Cover glass of CH50v2.DIA50	PMMA
Cable gland	Nickel plated brass, NBR
Mounting kit	Anodised aluminium

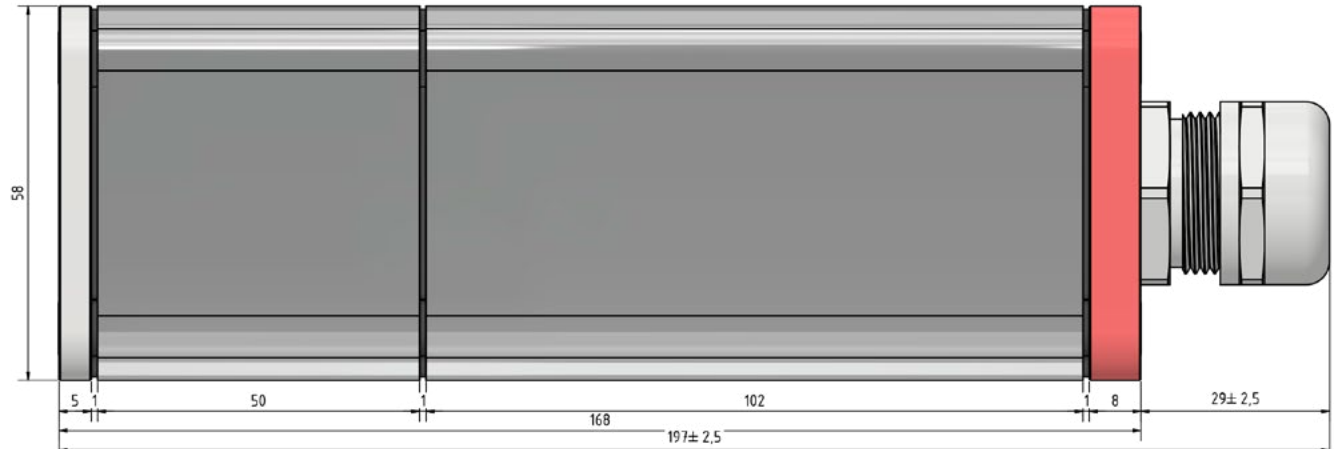
Dimensions, environment	
External dimensions of CH50v2.DIA35	Cross section 58 x 58 mm, length 200 ± 2.5 mm including a cable gland
External dimensions of CH50v2.DIA50	Cross section 58 x 58 mm, length 197 ± 2.5 mm including a cable gland
Internal dimensions	Ø 50 mm
Cover glass of CH50v2.DIA35	Vision aperture Ø 35 mm
Cover glass of CH50v2.DIA50	Vision aperture Ø 50 mm
IP rating	IP 69
Weight	815 g including a spacer and mounting kit

Product dimensions

Standard dimensions of the **CH50v2.DIA35** housing



Standard dimensions of the **CH50v2.DIA50** housing



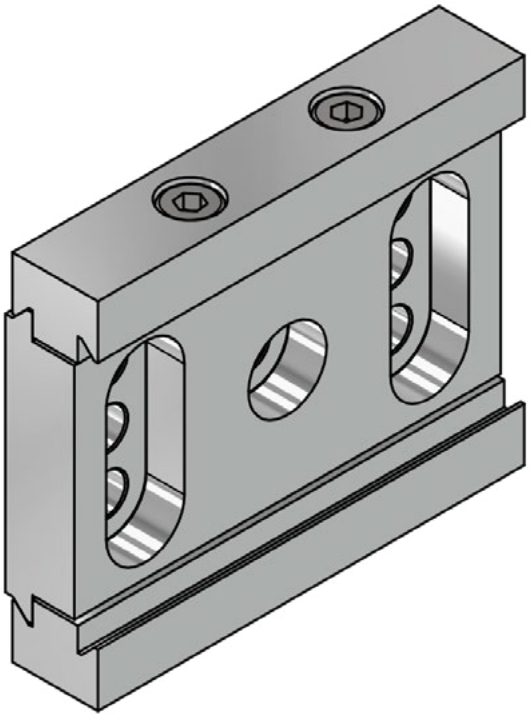
Color variants of the **CH50v2.DIA35** housing

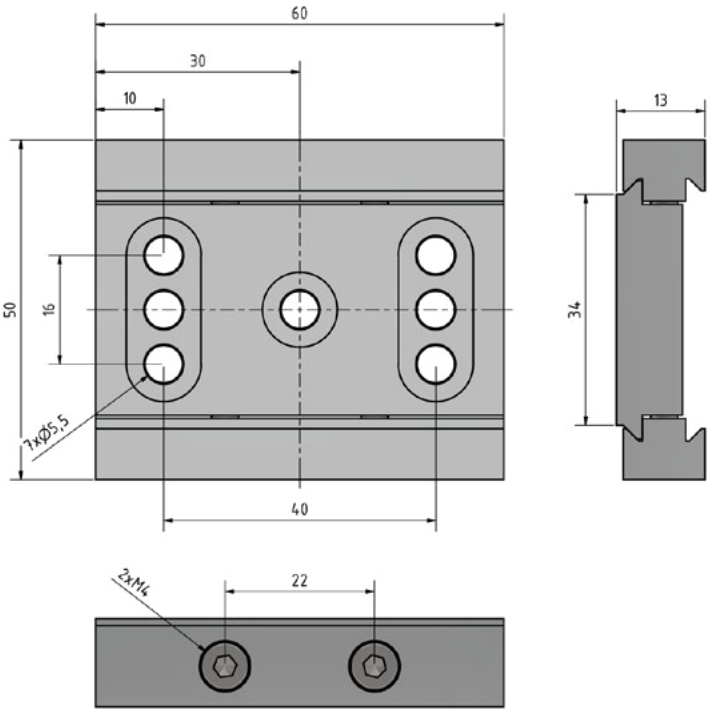
Supplied accessories

1. Cable gland with an insert for 2 cables Ø 4–6 mm and plug for one cable. Possibility of cutting to insert a cable with connectors.
2. Spacer for mounting the camera.
3. 2x screw M2x6 DIN 912, 2x screw M3x6 DIN 912 for fixing the camera to the lower camera mount.
4. Camera housing mounting kit.

Mounting kit

Easy mounting of the housing thanks to ready-made mounting holes in the base for screws up to M5.





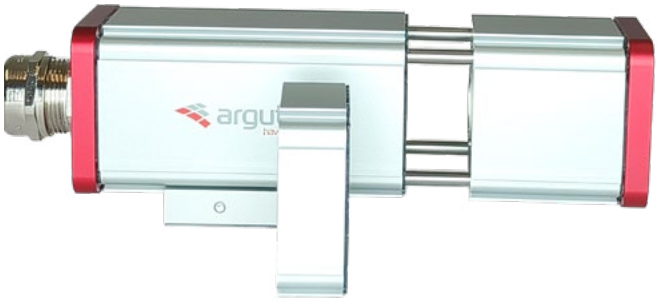
Accessories (not included in the standard package)

Simple air blow-off. **BLOW-OFF CH50**

Articulated holder for easy handling. **HOLDER UU2**

Atypical product options

Atypical length



Additional extension

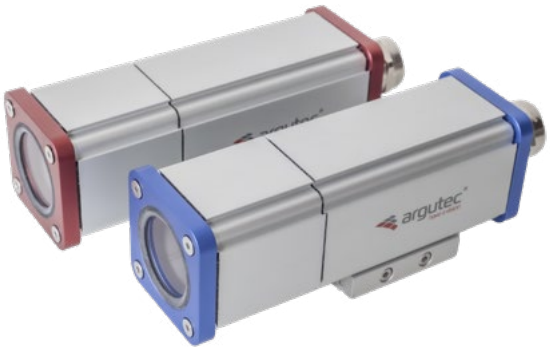
The rear housing can be ordered without a gland hole

Left – Additional slots for a camera (29 x 44 mm)
Right – Different inserts for cables

Custom logo

Left – Different layout of holes in the mounting plate
Right – Mounting plate for different camera size

Defrosting



Colour variants

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