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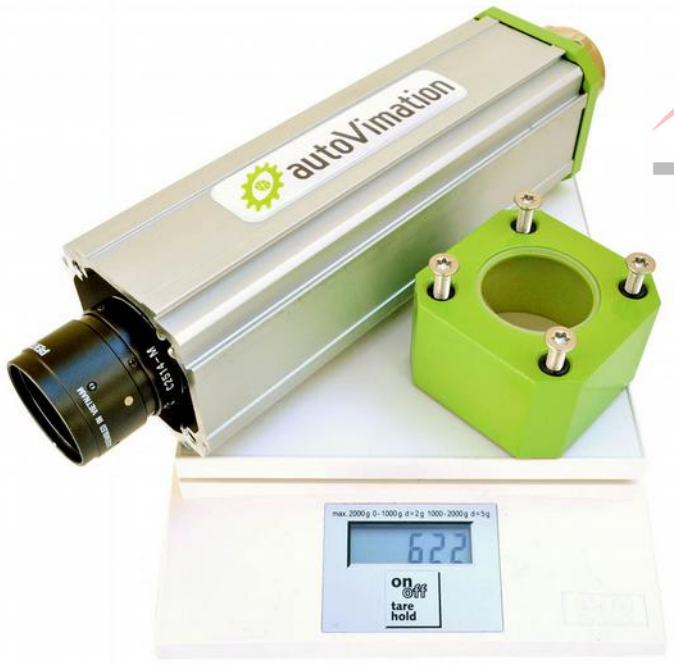
Colibri IP66 (Nema 4 + 6) Industrial Camera Enclosure



IP66 Protection for compact cameras with 29 x 29mm or 30 x 30mm cross section

Technical Highlights:

- **Robust built:** aluminium extrusion profile.
- **Small form factor:** cross section only 50 x 50mm – adding only 10mm around a 30 x 30mm camera!
- **Weight of the enclosure just over 400g:** ideal for light weight applications.
- **Flexible camera positioning:** camera lens mounts directly behind the front window.
- **Robust enclosure mounting:** fixation on all four sides along the entire profile possible. Simple adjustment of working distance.
- **Compatible with dovetail accessories:** with help of an adapter bracket.
- **High chemical resistance:** NBR and TPE sealing materials. Contact us for any special requirements!
- **Vibration proof mounting and passive camera cooling:** thanks to autoVimation's patented Quick- Lock and Heat- Guide camera mounting system (part of delivery).

The Colibri enclosure – only little larger than a compact camera!

- **Camera can be mounted either just from the front or just from the rear side.**
- **Passive camera cooling:** assembled inside the enclosure the camera is at least 10°C cooler than without enclosure.
- **Also available with tamper-proof pin-torx screws.**

Degree of protection	Dimensions	Material details
■ IP66 - Protection from high pressure water jets (Nema 4)	■ Exclusively for cameras with 29 x 29mm or 30 x 30mm cross section. ■ Cable gland allows for assembly of several cables with connectors up to 20.5mm diameter. ■ Clear aperture 28mm diameter: lenses up to 39mm diameter.	■ Enclosure: anodised aluminium ■ Window: BK7, double-sided broadband anti-reflective coating. ■ Window seal: Teflon ■ Enclosure seal: NBR (Viton at request) ■ Cable gland seal: TPE (TPEV at request)

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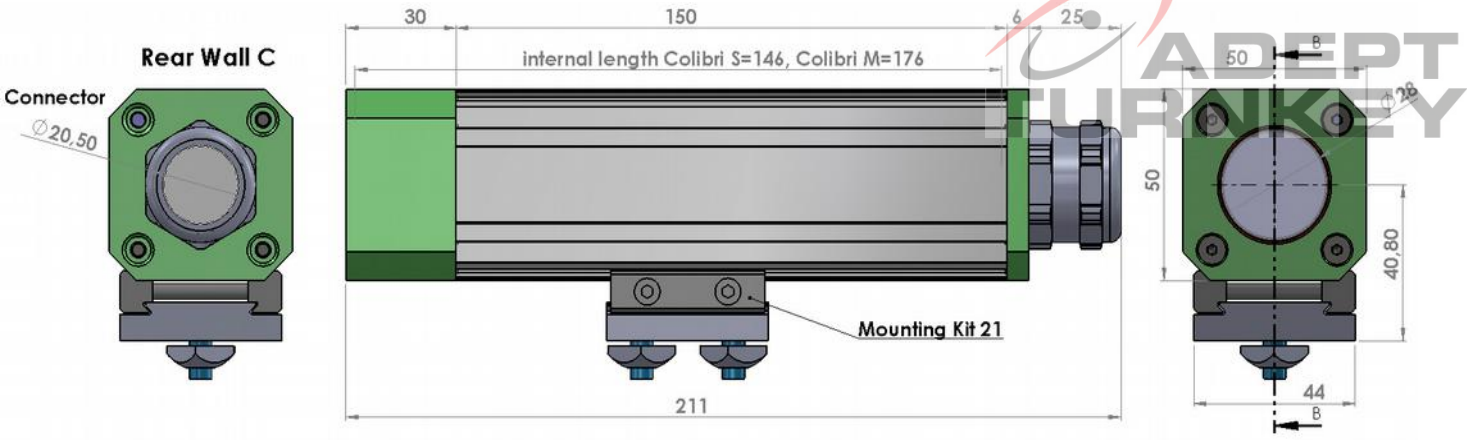
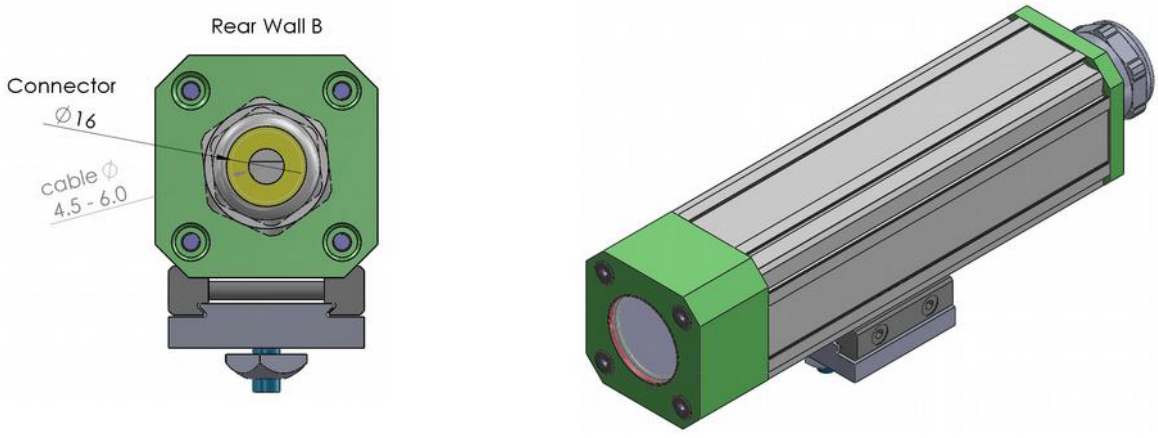
Dimensions:





Combinable options:

- Rear wall B: for one cable – cable diameter 4.5-6mm and connectors up to 16.0mm (for instance PoE – one LAN cable with standard RJ45)
- Rear wall C for several cables and connectors up to 20.5mm (self drilling of cable gland inserts).

Order number key:

Colibri S, 181 x 50 x 50mm		
Camera Height	**Rear Wall**	**Order Number**
29mm	B	22.901.120
	C	22.902.120
30mm	B	23.001.120
	C	23.002.120

Colibri M, 211 x 50 x 50mm		
Camera Height	**Rear Wall**	**Order Number**
29mm	B	22.901.150
	C	22.902.150
30mm	B	23.001.150
	C	23.002.150

Accessories:

- Mounting Kit 21 for parallel or vertical mounting (for the smaller 30mm dovetail) | Order number: 5.210.000
- Adapter bracket 30mm to 40mm profile | Order number: 10.062.979

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