

Salamander IP67 (Nema 4 + 6) Industrial Camera Enclosure



IP67 protection for compact MV cameras up to 40 x 40mm cross section

Technical Highlights:

- **Robust build:** aluminium extrusion profile.
- **Small form factor:** only 66 x 66mm cross section, easy to integrate into existing machines.
- **Flexible camera positioning:** angle and position.
- **Dovetail profiles enable robust enclosure mounting:** on all 4 sides along the entire profile. Mounting brackets resist a displacement force of up to 3000N! Simple adjustment of working distance.
- **Compatible with large range of accessories:** variety of mounting and adjustment brackets, water cooling, controlled heating plate, wind curtain, pneumatic shutter, positioning ring for simple camera replacement, and more.
- **High chemical resistance:** due to Viton, NBR and TPE sealing materials. Contact us for any special requirements!

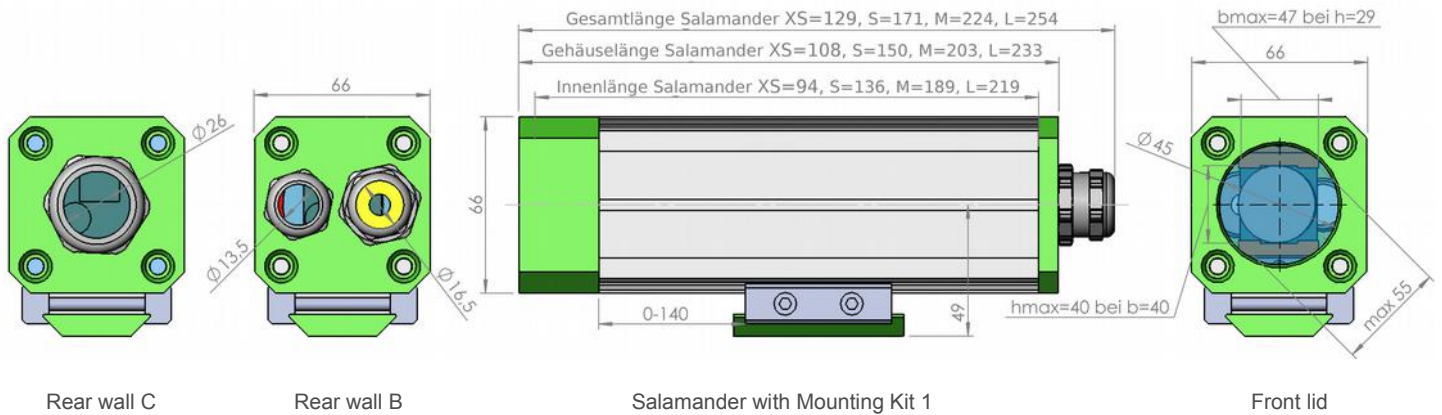


- **Vibration proof mounting and passive camera cooling:** thanks to autoVimation's patented Quick- Lock and Heat- Guide camera mounting system.
- **Fits all cameras from 29 to 40mm height:** cameras with 29mm height can be up to 47mm wide down to 40mm width at 40mm high.

Degree of protection	Dimensions	Material details
<ul style="list-style-type: none"> ■ IP66 - Protection from high pressure water jets (Nema 4) ■ IP67 - Protection from occasional submersion (Nema 6) <ul style="list-style-type: none"> ○ Up to 1h duration ○ Up to 1m water depth 	<ul style="list-style-type: none"> ■ For up to 40 x 40mm cross section ■ For connectors up to 26mm Ø ■ Salamander S, length: 171, 136 (internal) ■ Salamander M, length: 203, 189 (internal) ■ Salamander L, length: 233, 219 (internal) ■ Custom up to 400mm internal length ■ Clear aperture with 2" window: 45mm Ø ■ Lens up to 55mm Ø 	<ul style="list-style-type: none"> ■ Enclosure: anodised aluminium ■ Window: BK7, double-sided broadband anti-reflective coating ■ Window seal: Viton ■ Enclosure seal: EPDM (Viton at request) ■ Cable gland seal: TPE (TPEV at request)

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Dimensions:



Accessories:

- **Mounting kits**
- **Wind curtain and pneumatic shutter** for dirty environments
- **60mm extension piece** for easier adjustment of large lenses
- **Water cooling and heating**
- **Electric heating plate with temperature control**
- **Positioning ring to allow** repeatable camera assembly
- **Laser-Triangulation building kit**



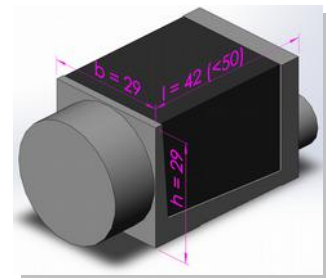
Wind Curtain



60mm Extension

Relevant dimensions:

Only the length of the rectangular camera body is relevant for ordering the right enclosure (l = 42mm in above image).



Order number key:

Example: Salamander M, Rear Wall B, for Basler Ace (h x w x l = 29 x 29 x 42mm):

Order Number	2	0	.3	1	1	.192
	↓	↓	↓	↓	↓	↓
Enclosure	Camera height	Camera body smaller than	Salamander	Rear wall	Length	
	29: 0 30: 1 31: 2 32: 3 33: 4	34: 5 35: 6 36: 7 38: 8 40: 9	50mm: 3 74mm: 5 92mm: 7	Rear wall A: 0 Rear wall B: 1 Rear wall C: 2 Rear wall D: 3	XS: 070 S: 139 M: 192 L: 222	

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