EX62 Series Explosion Protected Camera Housing

www.boschsecurity.com

The EX62 is a 14 in. explosion protected camera housing for effective surveillance in high risk environments. Designed and certified for covering the entire range of North American Division requirements per NEC standards. Its stringent Class I, Division I certifications allow safe functioning at locations where ignitable concentrations of flammable gases or liquid vapors are present during normal operation. Groups covered include acetylene, hydrogen, ethylene and methane, all highly explosive gases. The EX62 is also certified for operation in areas where ignitable concentrations of combustible dusts (such as carbon-based or agricultural dusts) are present during normal operation.

The EX62 is also designed to CCTV industry standards for mounting hardware and motorized pan/tilt devices.

Functions

Applications
- Chemical factories
- Petroleum refineries, oil and gas processing
- Utility gas plants
- Grain elevators, flour mills
- Dry cleaning plants
- Pharmaceutical plants
- Coal and carbon processing

- Designed and certified for effective explosion protected performance at hazardous locations
- Class I, II, III, Div. 1, 2, Groups A, B, C, D, E, F, G, T6
- Larger design for full-sized cameras and lenses
- Heavy duty extruded aluminum construction
- Easy access optical slide tray

Notice

The use of explosion protected housings may be subject to local or regional regulatory approval. The authorities having jurisdiction for each installation and application may vary and their respective requirements may differ. The integration of your equipment with the EX62 may also be subject to local authority approval.

Certifications and approvals

<table>
<thead>
<tr>
<th>CSA-NRTL</th>
<th>LR 113310</th>
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<tbody>
<tr>
<td>Class</td>
<td>9098 01 / 81 - Miscellaneous - for Hazardous Locations</td>
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<tr>
<td>Safety</td>
<td>UL / CSA</td>
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<td>UL 508, Sixteenth Edition - Industrial Control Equipment</td>
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</table>
UL 698, Eleventh Edition - Industrial Control Equipment for Use in Hazardous (Classified) Locations

UL 1203 Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

CSA C22.2 No.0-M1991 General Electrical Requirements

CSA C22.2 No.0.4-M1982 Bonding and Grounding of Electrical Equipment (Protective Grounding)

CSA C22.2 No.25-M1966 Enclosures for Use in Class II Groups E, F, and G Hazardous Locations

CSA C22.2 No.30-M1986 Explosion-proof Enclosures for Use in Class I Hazardous Locations

CSA C22.2 No.94-M1991 Special Purpose Enclosures

CSA C22.2 No.142-M1987 Process Control Equipment

Class I, Div 1, 2, Groups A, B, C, D

Class II, Div 1, 2, Groups E, F, G

Class III

Operational Temperature Code T6 at maximum ambient temperature 55ºC (131ºF)

Environmental CSA / NEMA TYPE 4

Notice
Product is not ATEX certified.

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<thead>
<tr>
<th>Region</th>
<th>Certification</th>
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<tr>
<td>Canada</td>
<td>CSA</td>
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Technical specifications

**Mechanical**

Construction Robust aluminum extrusion with four ¾-in NPT conduit entries

Brackets U-Bracket with stainless steel straps included

Construction Extruded copper-free anodized aluminum with four 3/4-inch NPT conduit entries

View Window 3/8-inch tempered glass

Dimensions 149 x 154 x 368 mm (5.9 x 6.1 x 14.5 in) including bracket and straps

Weight 5.6 Kg (12.3 lb)

Ordering information

**EX62-HSG Explosion Protected Camera Housing**
14 in. Explosion protected camera housing
Order number EX62-HSG

**EX62-HSG-H Explosion Protected Camera Housing**
14 in. Explosion protected camera housing with 24 VAC heater/blower
Order number EX62-HSG-H

Accessories

**EXP5.008 VAC Power Supply**
Power supply 120 VAC/ 24 VAC 1500 mA
Order number EXP5.008

**EXMB.004B Ceiling and Pedestal Bracket**
Mounting Bracket, HD, Pan/Tilt Adjust - Ceiling Mount for EX52, EX62, black
Order number EXMB.004B

**EXMB.005B Heavy Duty Wall Bracket**
Mounting Bracket, HD, Pan/Tilt Adjust - Wall Mount, black
Order number EXMB.005B

**EXSH.62 Sunhood**
Sunhood
Order number EXSH.62

**PSU-230-24 Power Supply**
Power Supply, 230 VAC / 24 VAC, 50 W
Order number PSU-230-24

**EXMB.007B Heavy Duty Wall Bracket**
Heavy Duty Wall Bracket, Black
Order number EXMB.007B

Maximum internal camera and lens dimensions:

279 mm (11 in) length
89 mm (3.5 in) camera width
76 mm (3.0 in) camera height