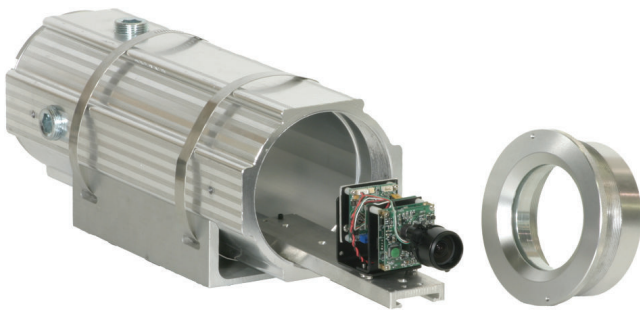# EX62 Series Explosion Protected Camera Housing



▸ **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**

▸ **3/8 in. chemically resistant window**

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
- Aircraft hangars
- Spray finishing areas
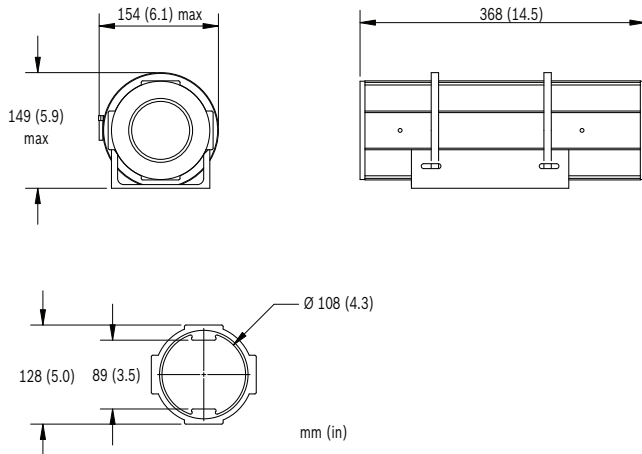
- Munitions and fuel storage facilities

**Note**   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

| Region | Certification |
|---|---|
| Canada | CSA |
| CSA-NRTL | LR 113310 |
| Class | 9098 01 / 81 - Miscellaneous - for Hazardous Locations |
| Safety | UL / CSA |
| | UL 508, Sixteenth Edition - Industrial Control Equipment |
| | 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 |
| **Note** | Product is not ATEX certified. |

## Installation/Configuration Notes



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

63 mm (2.5 in) lens diameter (EX62-HSG-H)

76 mm (3.0 in) lens diameter (EX62-HSG)

## 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 x368 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** <br> 14 in. Explosion protected camera housing | **EX62-HSG** |
| **EX62-HSG-H Explosion Protected Camera Housing** <br> 14 in. Explosion protected camera housing with 24 VAC heater/blower | **EX62-HSG-H** |
| **Accessories** | |
| **EXSH.62 Sunhood** <br> Sunhood | **EXSH.62** |
| **EXMB.007B Heavy Duty Walll Bracket** <br> Heavy Duty Wall Bracket, Black | **EXMB.007B** |
| **EXMB.004B Ceiling and Pedestal Bracket** <br> Mounting Bracket, HD, Pan/Tilt Adjust - Ceiling Mount for EX52, EX62, black | **EXMB.004B** |
| **EXMB.005B Heavy Duty Wall Bracket** <br> Mounting Bracket, HD, Pan/Tilt Adjust - Wall Mount, black | **EXMB.005B** |
| **UPA-2430-60 Power Supply** <br> 120 VAC, 60 Hz, 24 VAC, 30 VA Out | **UPA-2430-60** |
| **UPA-2420-50 Power Supply** <br> 220 VAC, 50 Hz, 24 VAC, 20 VA Out | **UPA-2420-50** |