

EHX*E SERIES ENCLOSURE

TECHNICAL SPECIFICATIONS

SECURITY SYSTEM

DIVISION – LEVEL 1___ 28 ELECTRONIC SAFETY AND SECURITY

LEVEL 2___ 28 20 00 ELECTRONIC SURVEILLANCE

LEVEL 3___ 28 23 00 VIDEO SURVEILLANCE

PART 2 – PRODUCTS

2.01 GENERAL

- A. All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system.
- B. All systems and components shall have been thoroughly tested and proven in —actual use.
- C. All systems and components shall be provided with the availability of a toll-free (U.S. and Canada), 24-hour technical assistance program (TAP) from the manufacturer.- The TAP shall allow for immediate technical assistance for either the dealer/installer or the end user at no charge for as long as the product is installed.
- D. All systems and components shall be provided with a one-day turnaround repair express and 24-hour parts replacement. The repair and parts express shall be guaranteed by the manufacturer on warranty and nonwarranty items.

2.02 OUTDOOR, EXPLOSIONPROOF ENCLOSURE

- A. The outdoor explosionproof enclosure shall allow for use in a variety of harsh and/or hazardous environments, including marine environments and shall allow for use with fixed mount or explosionproof pan/tilt. The outdoor explosionproof enclosure shall meet the rigorous requirements of explosionproof and dust-ignitionproof electrical equipment for installation and use in hazardous locations.
- B. The outdoor explosionproof enclosure shall have a camera mounting sled and track assembly that allows for fast, easy positioning of the camera and lens and that can be securely locked in place.
- C. The outdoor explosionproof enclosure shall meet or exceed the following design and performance specifications.

2.03 ENVIRONMENTAL SPECIFICATIONS

- A. Environment: Outdoor

2.04 PHYSICAL SPECIFICATIONS

- A. Construction: Aluminum, pipe 6061T6
- B. Unit Weight:
 - 1. EHX4E: 15 lb (6.79 kg)
 - 2. EHX6E: 31 lb (14.04 kg)
 - 3. EHX6E-16: 27 lb (12.23 kg)
 - 4. EHX8E: 45 lb (20.41 kg)

2.05 MECHANICAL SPECIFICATIONS

- | | |
|---|--|
| A. Cable Entry: | Two explosionproof sealable fittings (supplied);
0.50-inch (1.27 cm) maximum inside diameter;
pipe plug supplied for possible unused gland in rear plate |
| B. Front Window: | Fully tempered plate glass |
| 1. EHX4E: | 4.25" (10.80 cm) diameter 0.475" (1.21 cm) thick |
| 2. EHX6E/
EHX6E-16: | 4.50" (11.43 cm) diameter, 0.50" (1.27 cm) thick |
| 3. EHX8E: | 5.75 (14.92 cm) diameter, 0.50" (1.27 cm) thick |
| C. Camera Mounting
Maximum Camera and
Lens Size*: | |
| 1. EHX4E: | (Without Blower or Heater)
1.75" H x 3.375" W x 12.00" L
(4.45 x 8.57 x 30.48 cm)
12.0" L x 3.0" diameter (30.48 x 7.62 cm) |
| 2. EHX6E: | 3.75" H x 4.375" W x 24.00 L
(9.53 x 11.11 x 60.96 cm)
24.0" L x 5.0" diameter (60.96 x 12.70 cm) |
| 3. EHX6E-16: | 3.75" H x 4.375" W x 16.00 L
(9.53 x 11.11 x 40.64 cm)
16.0" L x 5.0" diameter (40.64 x 12.70 cm) |
| 4. EHX8E: | 5.75" H x 5.125" W x 24.00" L
(14.60 x 13.02 x 60.96 cm)
24.0" L x 7.3" diameter (60.96 x 18.54 cm) |
| 5. EHX4E (only) | (With Heater Only)
1.75" H x 3.375 W x 10.375"L
(4.45 x 8.57 x 26.35 cm)
10.38" L x 3.00" diameter (26.36 x 7.62 cm) |
| 6. EHX4E: | (With Blower Only or Blower and Heater)
1.75 H x 3.375" W x 9.00" L
(4.45 x 8.57 x 22.86 cm)
9.0" L x 3.0" diameter (22.86 x 7.62) |
| 7. EHX6E: | 3.75" H x 4.375" W x 22.25" L
(9.53 x 11.11 x 56.52 cm)
22.25" L x 5.00" diameter (56.52 x 12.70 cm) |
| 8. EHX6E-16: | 3.75" H x 4.375 W x 14.25" L
(9.53 x 11.11 x 36.20 cm)
14.25" L x 5.00" diameter (36.20 x 12.70 cm) |
| 9. EHX8E: | 5.75" H x 5.125" W x 22.25" L
(14.60 x 13.02 x 56.52 cm)
22.25" L x 7.30" diameter (56.52 x 18.54 cm) |

* Assumes lens is fully extended.

2.06 CERTIFICATIONS/RATINGS

- A. CE
- B. UL/cUL
- C. Classified by Underwriters Laboratories Inc, as to explosion and fire hazard only
- D. Type 4X enclosure for use in hazardous locations
- E. Class I, Groups C and D – Class II, Groups E, F, and G
- F. Class I, Zone 1, Aex d IIB, Ex d IIB
- G. ATEX
- H. Ⓢ 03 ATEX 0318166U
- I. 0035 Ⓢ II 2 G Eex d IIB
- J. Ⓢ II 2 D IP 66
- K. Suitable for marine outside (saltwater) use, for vessels over 65 feet in length.

2.07 WARRANTY

- A. 1 year, parts and labor

2.08 PELCO MODEL NUMBERS

- | | |
|-------------|--|
| A. EHX4E | Explosionproof enclosure, 4" diameter x 12" L
(10.16 cm x 30.48 cm) |
| B. EHX6E | Explosionproof enclosure, 6" diameter x 24" L
(15.24 cm x 60.96 cm) |
| C. EHX6E-16 | Same as EHX6 except 16" L (40.64 cm) |
| D. EHX8E | Explosionproof enclosure, 8" diameter x 24" L
(20.32 cm x 60.96 cm) |