

EH5700 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, LARGE ENCLOSURE

- A. The large indoor/outdoor enclosure shall be designed for use with medium- and heavy-duty pan/tilts or fixed mounts and shall be designed to accept larger format cameras with either fixed focal length lenses or motorized zoom lenses. The enclosure shall be all-aluminum construction.
- B. The large indoor/outdoor enclosure shall open from the rear and have a forward-opening lid that allows maximum accessibility during installation and when camera and lens adjustments are necessary. The enclosure shall have a gas spring that securely holds the lid when fully opened. The lid shall be secured with side-mount link-lock latches and, if desired, the latches shall be secured with a padlock of suitable size for additional security.
- C. The large indoor/outdoor enclosure shall feature an adjustable camera sled with a built-in elevation block that can be removed and inverted. The enclosure shall be available with field- and factory-installed accessories, which include, blower, heater, window defroster, sun shroud, window wiper, preset lens wiring harness, 120 VAC outlet, and thermal insulation. The enclosure shall be used in fixed mount applications or mounted to a medium duty pan/tilt or a heavy duty pan/tilt.
- D. The large indoor/outdoor enclosure shall meet or exceed the following design and performance specifications.

2.03 ELECTRICAL SPECIFICATIONS

- A. Input Voltage: 24, 120, or 230 VAC, 50/60 Hz
- B. Electrical Connection: Connectors for power input, lens, camera, and accessories (-1/-2/-3 models only)
- C. (-1/-2/-3 models only): Heater and defroster activate on at 42-58°F (6-14°C) and off at 72-88°F (22-31°C). Blower activates on at 77-93°F (25-34°C) and off at 62-78°F (17-26°C)

2.04 ENVIRONMENTAL SPECIFICATIONS

- A. Environment: Indoor/outdoor
- B. Temperature: -10° to 120°F (-23° to 49°C)

2.05 PHYSICAL SPECIFICATIONS

- A. Maximum Camera And Lens Size Accepts camera and lens combinations* (including BNC connector) up to:
 - 1. EH5723: 22" L x 7.5" W x 5.5" H (55.88 x 19.05 x 13.97 cm)
 - 2. EH5723-1/-2/-3: 15.5" L x 6.25" W x 5.5" H (39.37 x 15.88 x 13.97 cm)
 - 3. EH5729: 28" L x 7.5" W x 5.5" H (71.12 x 19.05 x 13.97 cm)
 - 4. EH5729-1/-2/-3: 21.5" L x 6.25" W x 5.5" H (54.61 x 15.88 x 13.97 cm)
- B. Viewing Window: Glass, 0.25-inch (6.35 mm) thick
4.25" H x 5.25" W (10.79 x 13.33 cm)
- C. Construction: Aluminum, 0.080-inch (0.20 cm) thick (body and lid)
- D. Finish: Gray polyester powder coat
- E. Unit Weight
 - 1. EH5723: 11 lb (4.98 kg)
 - 2. EH5723-1/-2/-3: 13 lb (5.88 kg)
 - 3. EH5729: 16 lb (7.24 kg)
 - 4. EH5729-1/-2/-3: 18 lb (8.15 kg)

*Assumes lens is fully extended.

2.06 MECHANICAL SPECIFICATIONS

- A. Camera Mounting: Removable camera sled; can be inverted
- B. Cable Entry: Two PG13.5 UL glands on bottom of enclosure, 0.47-inch (1.19 cm) maximum cable diameter
- C. Cable Entry Holes: 0.875-inch (2.22 cm) diameter; will accept 0.5-inch (1.27 cm) conduit fitting when compression gland is removed
- D. Connectors
 - 1. Video: BNC
 - 2. Camera Sync: BNC
- E. Latches: Link-lock No. 3, stainless steel; can be secured with padlocks (not supplied), EH5723 Series (2), EH5729 Series (4)

2.07 CERTIFICATIONS/RATINGS

- A. CE Class A (models EH5723/-2/-3 and EH5729/-2/-3)
- B. UL Listed (except 230 VAC models)
- C. UL Listed to Canadian safety standards (except 230 VAC models)
- D. Meets NEMA Type 3R standards
- E. U.S. patent 307,915

2.08 WARRANTY

- A. 1 year, parts and labor

2.09 PELCO MODEL NUMBERS

- | | |
|-------------|---|
| A. EH5723 | Basic enclosure |
| B. EH5723-1 | 120 VAC enclosure with heater and blower, 105 W maximum power consumption |
| C. EH5723-2 | 24 VAC enclosure with heater and blower, 60 W maximum power consumption |
| D. EH5723-3 | 230 VAC enclosure with heater and blower, 85 W maximum power consumption |
| E. EH5729 | Basic enclosure |
| F. EH5729-1 | 120 VAC enclosure with heater and blower, 105 W maximum power consumption |
| G. EH5729-2 | 24 VAC enclosure with heater and blower, 60 W maximum power consumption |
| H. EH5729-3 | 230 VAC enclosure with heater and blower, 85 W maximum power consumption |