

EH4700 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, MEDIUM ENCLOSURE

- A. The outdoor enclosure shall allow for indoor/outdoor applications and shall allow for use with fixed mount or pan/tilt. The outdoor enclosure shall allow for acceptance of larger format cameras with either fixed focal length or motorized zoom lenses, and the enclosure shall allow for a removable camera sled that can be inverted to accommodate various camera and lens combinations.
- B. The outdoor enclosure shall allow for a gas spring, forward-opening lid to allow for maximum accessibility during installation or servicing. The lid can be removed if necessary. The enclosure shall allow for opening at the rear by unlatching the rear-mount link lock latch. The latch can be secured with a padlock for additional security.
- C. The outdoor enclosure shall allow for optional factory- and field- installed accessories, which include a blower, heater, window defroster, sun shroud, thermal insulation, 120 VAC electrical outlet, and preset position lens wiring harness.
- D. The outdoor enclosure shall meet or exceed the following design and performance specifications.

2.03 ELECTRICAL SPECIFICATIONS

- A. Input Voltage: 24 VAC, 120 VAC, or 230 VAC, 50/60Hz
- B. Electrical Connection: Connectors for power input, lens, camera, and accessories (-1/-2/-3 models only)
- C. (-1/-2/-3 models only): Heater/defroster activates 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 connectors) up to:
1. EH4718: 17.0" L x 5.5" W x 4.25" H (43.18 x 13.97 x 10.795 cm)
 2. EH4718-1/-2/-3: 13.0" L x 4.75" W x 4.25" H (33.02 x 12.07 x 10.795 cm)
 3. EH4722: 21.0" L x 5.5" W x 4.25" H (53.34 x 13.97 x 10.795 cm)
 4. EH4722-1/-2/-3: 17.0" L x 4.75" W x 4.25" H (43.18 x 12.07 x 10.795 cm)
- B. Viewing Window: 0.25-inch (6.35 mm) thick Lexan®
C. Viewing Window Area: 3.50" H x 4.00" W (8.89 x 10.16 cm)
D. Construction: Die-cast, extruded, and sheet aluminum
E. Finish: Gray polyester powder coat
F. Unit Weight
1. EH4718: 7.25 lb (3.28 kg)
 2. EH4718-1/-2/-3: 8.5 lb. (3.85 kg)
 3. EH4722: 8.5 lb. (3.85 kg)
 4. EH4722-1/-2/-3: 9.75 lb (4.42 kg)

*Assumes lens is fully extended.

2.06 MECHANICAL SPECIFICATIONS

- A. Cable Entry: Two PG13.5 compression glands on bottom; 0.47-inch (1.19 cm) maximum cable diameter
B. 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
C. Camera Mounting: Removable camera sled; can be inverted
D. Rear Latch: Link-lock, No. 3, stainless steel, can be secured with padlock (not supplied)

2.07 CERTIFICATIONS/RATINGS

- A. CE compliant (models EH4718/-2/-3 and EH4722/-2/-3 only)
B. UL Listed (except 230 VAC models)
C. Meets NEMA Type 3R standards

2.08 WARRANTY

- A. 1 year, parts and labor

2.09 PELCO MODEL NUMBERS

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| A. EH4718 | Basic enclosure |
| B. EH4718-1 | 120 VAC enclosure with heater and blower, 68 W maximum power consumption |
| C. EH4718-2 | 24 VAC enclosure with heater and blower, 58 W maximum power consumption |
| D. EH4718-3 | 230 VAC enclosure with heater and blower, 63 W maximum power consumption |
| E. EH4722 | Basic enclosure |
| F. EH4722-1 | 120 VAC enclosure with heater and blower, 68 W maximum power consumption |
| G. EH4722-2 | 24 VAC enclosure with heater and blower, 58 W maximum power consumption |
| H. EH4722-3 | 230 VAC enclosure with heater and blower, 63 W maximum power consumption |