

## **EH2500 SERIES OUTDOOR, RAIN- AND DUSTPROOF ENCLOSURE**

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### **TECHNICAL SPECIFICATIONS**

### **SECURITY SYSTEM**

#### **DIVISION – 28 ELECTRONIC SAFETY AND SECURITY**

#### **LEVEL 1\_\_\_28 20 00 ELECTRONIC SURVEILLANCE**

#### **LEVEL 2\_\_\_28 23 00 VIDEO SURVEILLANCE**

#### **LEVEL 3\_\_\_28 23 29 VIDEO SURVEILLANCE REMOTE DEVICES AND SENSORS**

### **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, RAIN- AND DUSTPROOF ENCLOSURE**

- A. The harsh environment camera enclosure shall consist of a camera housing designed for use with smaller format cameras and fixed focal length and motorized zoom lenses in harsh climate conditions, shall be rain- and dustproof and may optionally include a thermostatically-controlled heater along with any accessories that may be required.
- B. The harsh environment camera enclosure shall meet or exceed the following design and performance specifications.

#### **2.03 ELECTRICAL SPECIFICATIONS**

- A. Input Voltage: 120, 24, or 230 VAC for heater
- B. Connector: 4-position terminal block
- C. Heater: 120 VAC, 24 VAC, 230 VAC; 43 W maximum, dual-element heater is thermostatically controlled. Defroster; turns on at 70°F (21°C), off at 85°F (29°C). Heater; turns on at 40°F (4°C), off at 67°F (19°C)

#### **2.04 ENVIRONMENTAL SPECIFICATIONS**

- A. Environment: Indoor/outdoor; -50°F to 122°F (-46° to 50°C)
- B. Optional Sun Shroud: Reduces internal temperature approximately 10-15°F (6-10°C)

**2.05 PHYSICAL SPECIFICATIONS**

- A. Construction: Aluminum
- B. Finish: Gray polyester powder coat
- C. Dimensions
  - 1. EH2508: 9.00" L x 4.25" W x 5.31" H (22.86 x 10.80 x 13.49 cm)
  - 2. EH2512: 13.00" L x 4.25" W x 5.31" H (33.02 x 10.80 x 13.49 cm)
  - 3. EH2515: 16.00" L x 4.25" W x 5.31" H (40.64 x 10.80 x 13.49 cm)
- D. Weight
  - 1. EH2508: 2.95 lb (1.34 kg)
  - 2. EH2508-1/2/3: 3.10 lb (1.41 kg)
  - 3. EH2512: 3.75 lb (1.70 kg)
  - 4. EH2512-1/2/3: 3.90 lb (1.77 kg)
  - 5. EH2515: 4.63 lb (2.10 kg)
  - 6. EH2515-1/2/3: 4.83 lb (2.19 kg)

**2.06 MECHANICAL SPECIFICATIONS**

- A. Camera Mounting: Multiple mounting holes on removable camera sled
- B. Latching: Two captivated screws
- C. Max Camera/Lens Size: Accepts camera and lens combinations\* (including BNC connector) up to:
  - 1. EH2508: 6.25" L x 2.75" W x 2.75" H (15.88 x 6.99 x 6.99 cm)
  - 2. EH2508-1/2/3: 5.25" L x 2.75" W x 2.75" H (13.34 x 6.99 x 6.99 cm)
  - 3. EH2512: 10.25" L x 2.75" W x 2.75" H (26.04 x 6.99 x 6.99 cm)
  - 4. EH2512-1/2/3: 9.25" L x 2.75" W x 2.75" H (23.50 x 6.99 x 6.99 cm)
  - 5. EH2515: 13.25" L x 2.75" W x 2.75" H (33.66 x 6.99 x 6.99 cm)
  - 6. EH2515-1/2/3: 12.25" L x 2.75" W x 2.75" H (31.12 x 6.99 x 6.99 cm)
- D. Viewing Window: 0.375-inch (0.95 cm) thick Lexan®
- E. Viewing Window Area: 2.50" (6.35 cm) diameter
- F. Cable Entry: Two adjustable 1/2-NPT liquid-tight glands

\* Assumes lens is fully extended

**2.07 CERTIFICATIONS/RATINGS**

- A. CE, Class B (all except 120 VAC models)
- B. Meets NEMA Type 4 standards
- C. Meets IP66 standards

**2.08 WARRANTY**

- A. 1 year, parts and labor

**2.09 PELCO MODEL NUMBERS**

A. EH2508	Basic enclosure
B. EH2508-1	120 VAC enclosure with a heater and defroster; 41 W maximum power consumption
C. EH2508-2	Same as EH2508-1 except uses 24 VAC; 38 W maximum power consumption
D. EH2508-3	Same as EH2508-1 except uses 230 VAC; 43 W maximum power consumption
E. EH2512	Basic enclosure
F. EH2512-1	120 VAC enclosure with a heater and defroster; 41 W maximum power consumption
G. EH2512-2	Same as EH2512-1 except uses 24 VAC; 38 W maximum power consumption
H. EH2512-3	Same as EH2512-1 except uses 230 VAC; 43 W maximum power consumption
I. EH2515	Basic enclosure
J. EH2515-1	120 VAC enclosure with a heater and defroster; 41 W maximum power consumption
K. EH2515-2	Same as EH2515-1 except uses 24 VAC; 38 W maximum power consumption
L. EH2515-3	Same as EH2515-1 except uses 230 VAC; 43 W maximum power consumption