

## **EH4700DB SERIES, OUTDOOR, SMALL/MEDIUM, TOP-MOUNT 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, SMALL/MEDIUM, TOP-MOUNT ENCLOSURE**

- A. The indoor/outdoor, top-mount, "drop" bottom enclosure shall be designed for use with small and medium size cameras either with fixed focal length or motorized zoom lenses in indoor or moderate to severe outdoor climate conditions. The enclosure may optionally include thermostatically controlled heater and blower along with any accessories that may be required for a complete environmental camera enclosure.
- B. The camera enclosure shall be provided with a forward-hinged drop bottom allowing easy access to an adjustable sled.
- C. The indoor/outdoor, top-mount 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, 50/60 Hz
- B. Electrical Connection: Connections for power input, lens, camera, and accessories (-1/-2/-3 models only)
- C. Power Consumption
  - 1. Heater: 60 watts (with 120 VAC unit), 50 watts (with 24 VAC unit), or 55 watts (with 230 VAC)
  - 2. Defroster: 15 watts
  - 3. Blower: 8 watts

### **2.04 ENVIRONMENTAL SPECIFICATIONS**

- A. Environment: Indoor/outdoor; -10° to 120°F (-23° to 49°C)
- B. Optional Heater: Turns on at 50°F (10°C) and off at 80°F (27°C)
- C. Optional Blower: Turns on at 85°F (29°C) and off at 70°F (21°C)

**2.05 PHYSICAL SPECIFICATIONS**

- A. Construction: Die-cast, extruded, and sheet aluminum
- B. Finish: Powder coat
- C. Dimensions
  - 1. EH4712DB: 16.2" L x 6.87" W x 5.00" H (41.15 x 17.45 x 12.70 cm)
  - 2. EH4718DB: 21.2" L x 6.87" W x 5.00" H (53.84 x 17.45 x 12.70 cm)
- D. Weight
  - 1. EH4712DB: 6.35 lb (2.90 kg)
  - 2. EH4712DB-1/-2/-3: 7.85 lb (3.56 kg)
  - 3. EH4718DB: 7.25 lb (3.28 kg)
  - 4. EH4718DB-1/-2/-3: 8.75 lb (3.96 kg)

**2.06 MECHANICAL SPECIFICATIONS**

- A. Max. Camera/Lens Size: (including BNC connector)\*
  - 1. EH4712DB: 12.5" L x 3.5" W x 4.0" H (31.75 x 8.89 x 10.16 cm)
  - 2. EH4712DB-1/-2/-3: 8.5" L x 3.5" W x 4.0" H (21.59 x 8.89 x 10.16 cm)
  - 3. EH4718DB: 16.5" L x 3.5" W x 4.0" H (41.91 x 8.89 x 10.16 cm)
  - 4. EH4718DB-1/-2/-3: 12.5" L x 3.5" W x 4.0" H (31.75 x 8.89 x 10.16 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)

\* Assumes lens is fully extended.

**2.07 CERTIFICATIONS/RATINGS**

- A. CE compliant (EH4712DB, EH4712DB-2, EH4712DB-3, EH4718DB, EH4718DB-2, and EH4718DB-3 only)
- B. Meets NEMA Type 3R standards

**2.08 WARRANTY**

- A. 1 year, parts and labor

**2.09 PELCO MODEL NUMBERS**

- A. EH4712DB Basic enclosure
- B. EH4712DB-1 120 VAC enclosure with heater and blower, 68 W maximum power consumption\*\*
- C. EH4712DB-2 24 VAC enclosure with heater and blower, 58 W maximum power consumption\*\*
- D. EH4712DB-3 230 VAC enclosure with heater and blower, 63 W maximum power consumption\*\*
- E. EH4718DB Basic enclosure
- F. EH4718DB-1 120 VAC enclosure with heater and blower, 68 W maximum power consumption\*\*
- G. EH4718DB-2 24 VAC enclosure with heater and blower, 58 W maximum power consumption\*\*
- H. EH4718DB-3 230 VAC enclosure with heater and blower, 63 W maximum power consumption\*\*

\*\* Add 15 W to consumption if optional defroster is used.

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