

EH2020 INDOOR, SECURITY-RATED 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 INDOOR, SECURITY-RATED ENCLOSURE

- A. The indoor, security-rated enclosure shall be a low profile ceiling enclosure for single camera use and shall be used in hard or drop tile ceilings. The enclosure shall be steel construction and shall have a removable lid for convenient access to camera and lens adjustments. The enclosure shall have an adjustable camera-mounting sled to accommodate small-to-medium format cameras.
- B. The indoor, security- rated enclosure shall meet or exceed the following design and performance specifications.

2.03 PHYSICAL SPECIFICATIONS

- A. Construction:
 - 1. Body: 0.047-inch (1.19 mm) thick, seam-welded 18 gauge cold rolled steel
 - 2. Viewing Window: 0.188-inch (4.8 mm) thick Lexan®
- B. Color: White epoxy polyester powder coat
- C. Environment: Indoor; 32° to 120°F (0° to 49°C)
- D. Unit Weight:
 - 1. EH2020 3.5 lb (1.6 kg)
 - 2. E2020 3.9 lb (1.8 kg)

2.04 MECHANICAL SPECIFICATIONS

- A. Camera Mounting: Adjustable bracket capable of supporting a maximum weight of 10 lb (4.53 kg)
- B. Maximum Camera and Lens Size: Accepts camera and lens combinations* (including BNC connector) up to:
3.0" H x 2.8" W x 8.0" L
(7.62 x 7.11 x 20.32 cm)

- C. Ceiling Mounting: Upper section flange-mounted to fixed ceiling or ceiling tile. Two soft-ceiling mounting brackets provided. Can also be mounted in E2020 rotating mounting plate for false ceiling applications.
- D. Cable Entry: Two 0.875-inch (2.22 cm) diameter conduit knockouts on front and rear of back box.
- E. Security: Two tamper-resistant screws (hollow Allen wrench supplied)
*Assumes lens is fully extended

2.05 CERTIFICATIONS

- A. UL Listed
- B. UL Listed to Canadian safety standards

2.06 WARRANTY

- A. 1 year, parts and labor

2.07 PELCO MODEL NUMBER

- A. EH2020 Small, low profile, security-rated ceiling enclosure