

EH1000 LOW PROFILE CEILING 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 LOW PROFILE CEILING ENCLOSURE

- A. The low profile ceiling enclosure shall consist of a camera housing designed specifically for use with 2/3" (1.70 cm) or smaller format cameras and fixed focal length lenses in indoor applications along with any accessories that may be required for a complete camera enclosure.
- B. The camera enclosure shall be designed for use in fixed or drop (false) ceiling applications without the use of the optional 360° rotating mounting plate that allows rotation in 10° increments.
- C. The enclosure shall have a riveted upper section and feature a hinged lower section to provide convenient access for camera and lens adjustment.
- D. The low profile ceiling enclosure shall meet or exceed the following design and performance specifications.

2.03 ENVIRONMENTAL SPECIFICATIONS

- A. Operating Temperature: Indoor, 32° to 120°F (0° to 49°C)

2.04 PHYSICAL SPECIFICATIONS

- A. Construction
 - 1. Upper Section: 5052H32 aluminum
 - 2. Lower Section: Vacuum-formed ABS plastic
 - 3. Viewing Window: Lucite® SAR (super abrasion resistant) acrylic
- B. Finish
 - 1. Upper Section: Alodine
 - 2. Lower Section: White textured
- C. Enclosure Size: 20.06" D x 12.56" W x 10.50" H (50.95 x 31.90 x 26.67 cm), with a maximum of 4.56" (11.58 cm) extending below the ceiling level
- D. Weight: 5.16 lb (2.34 kg)

2.05 MECHANICAL SPECIFICATIONS

- A. Camera Mounting: Adjustable bracket capable of supporting a maximum of 10 lb (4.53 kg)
- B. Camera and Lens Size: (Maximum) Accepts camera and lens combinations (including BNC connector) up to 4.50" H x 6.50" W x 15.00" D (11.43 x 16.51 x 38.10 cm)
- C. Ceiling Mounting: Upper section flange-mounted to fixed ceiling or E1003 rotating mounting plate for false ceilings
- D. Cable Entry: Conduit knockouts on upper back box; two on each end
- E. Lock: Key lock
- F. Viewing Window: 0.125" (0.32 cm) thick, optically clear, Lucite SAR (super abrasion resistant) acrylic

2.06 CERTIFICATIONS/RATINGS

- A. UL Listed
- B. Meets NEMA Type 1 standards

2.07 WARRANTY

- A. 1 year, parts and labor

2.08 PELCO MODEL NUMBER

- A. EH1000 Low profile ceiling enclosure