

EH2100/EH2100P 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 camera enclosure shall consist of an camera housing designed specifically for use with 1/2" (1.27 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 low profile 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 low profile camera enclosure shall feature a hinged lower section to provide convenient access for camera and lens adjustment.
- D. The low profile camera 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: EH2100, 5052H32 aluminum, riveted; EH2100P, 5052H32 aluminum, fully welded and sealed
 - 2. Lower Section: Vacuum-formed ABS plastic (UL listed material)
 - 3. Viewing Window: Lucite® SAR (super abrasion resistant) acrylic
- B. Finish
 - 1. Upper Section: Alodine
 - 2. Lower Section: Eggshell white ABS plastic
- C. Enclosure Size: 13.50" D x 7.50" W x 7.00" H (34.29 x 19.05 x 17.78 cm), with a maximum of 3.50" (8.89 cm) extending below the ceiling level
- D. Weight
 - 1. EH2100: 2.47 lb (1.12 kg)
 - 2. EH2100P: 2.48 lb (1.13 kg)

2.05 MECHANICAL SPECIFICATIONS

- A. Camera Mounting: Horizontally and vertically 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 10.0" D x 4.0" W x 3.0" H (25.4 x 10.16 x 7.62 cm)
- C. Ceiling Mounting: Upper section flange-mounted to fixed ceiling or ceiling tile; ceiling support rails are provided
- E. Cable Entry
 - 1. EH2100: Two conduit knockouts
 - 2. EH2100P: Holes must be drilled
- E. Lock: Phillips screw
- 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 NUMBERS

- A. EH2100 Low profile ceiling enclosure with riveted back box; for use in fixed or false ceiling applications
- B. EH2100P Same as EH2100 but with fully welded and sealed back box

Lucite is a registered trademark of Dupont.