
TECHNICAL SPECIFICATIONS

SECURITY SYSTEM

DIVISION 16 - ELECTRICAL

SECTION 16 _ _ _ - CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM

PART 2 - PRODUCTS

2.01 GENERAL

- A. All equipment and materials used shall be standard components, regularly manufactured, regularly utilized 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 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.
- D. All systems and components shall be provided with a one day turn around, repair express and 24 hour parts replacement. The repair and parts express shall be guaranteed by the manufacturer on warranty and non-warranty items.

2.02 HIGH SECURITY CAMERA ENCLOSURE

- A. The high security camera enclosure shall consist of a medium, wall or ceiling mount camera housing designed specifically for use with 1/2" or smaller video cameras and fixed focal length lenses in high security environments such as jails, prisons, ATM's and parking garages, and designed for indoor applications.
- B. The high security camera enclosure shall meet or exceed the following design and performance specifications:
 - 1. The camera enclosure shall be constructed of a medium gauge steel and shall have no exposed mounting hardware to provide maximum protection from vandalism.
 - 2. The enclosure shall feature security fasteners that can be opened only with a special tool and a factory installed tamper switch mounted on the access cover.
 - 3. The tamper switch shall be a .25" quick connect, plunger door type switch with "pull to cheat" feature N.O./N.C., 10A maximum switching current, 125V maximum switching voltage.
 - 4. The enclosure shall be designed to be mounted to a wall or ceiling and shall provide an impact resistant window which shall be capable of re-positioning to the opposite end of the housing should viewing conditions change.
 - 5. The enclosure shall have optionally available a heater kit in 120VAC, or 24VAC, drawing a maximum of 30 watts.
 - 6. The heater shall operate on at 40°F and off at 60°F.
 - 7. The enclosure shall be provided with a viewing window constructed of 1/4" thick, optically clear, UV stabilized, impact-resistant Lexan MR5, extruded polycarbonate.
 - 8. Cable entry shall be through two .50" conduit openings on the back of the enclosure and one on the opposite end from the viewing window.
 - 9. The enclosure shall be constructed of formed 14 gauge steel, .074" thick.
 - 10. The enclosure shall be mounted utilizing the four .390" holes on protected rear surface.

11. The enclosure shall accept camera/lens packages up to 3.75"H x 3.25"W x 18.00"L, including the BNC connector.
 12. The enclosure shall be provided with tamper resistant screws.
 13. The enclosure shall provide for an adjustable tilt table for camera mounting.
 14. The enclosure shall be electrically connected via one, 6 position terminal block.
 15. The enclosure shall operate within an indoor temperature range of 32°F to 120°F without the optional heater package and from -40°F to 122°F with the heater package.
 16. The enclosure shall measure a maximum of 21.00"W x 5.00"D x 5.75"H.
 17. The enclosure shall weigh a maximum of 16 lbs.
 18. The enclosure shall be UL Listed and meet NEMA Type 1 standards. The 24 VAC heater shall be CE compliant.
- C. The high security camera enclosure shall be provided with a manufacturer's warranty covering repair or replacement of defective parts for a period of one year from the date of shipment.
- D. The high security camera enclosure shall be the Pelco HS3020 or approved equal.