

A&E SPECIFICATION

A-T-27-V

1080p Analog Vandal Proof IR Dome Camera

TECHNICAL SPECIFICATIONS

SECURITY SYSTEM

PART 2 - PRODUCTS

2.1 GENERAL

- A. This product shall be manufactured by a firm whose quality system is in compliance with the ISO-9001
- B. All equipment and materials used shall be standard components that are regularly manufactured and used in the manufacturer's system.
- C. All systems and components shall have been thoroughly tested and proven in actual use.
- D. All systems and components shall be provided with comprehensive repair and spare parts replacement. The manufacturer on warranty and non-warranty items shall guarantee the spare parts and the repair.
- E. All systems and components shall have been thoroughly tested and proven in actual use.
- F. All systems and components must be in compliance with FCC, CE, UL and RoHS requirements.

1080P ANALOG VANDAL PROOF IR DOME CAMERA

- A. The camera shall provide true & day night (ICR) low-light capabilities with sensitivity down to 0.01Lux @ (F1.2,AGC ON)
- B. The camera shall support video motion detection with user defined areas. In addition, the motion detection shall be supported by an arming schedule with the audible warning, surveillance center notification, email, ftp upload, and alarm output triggered as supported events.
- C. The camera supports OSD menu for image feature enhancement

2.3 POWER

- A. Power Supply 12 VDC \pm 15%, 24 VAC \pm 15%
- B. Power Consumption Max. 5W

Camera

- A. Image Sensor 1/2.7" Progressive Scan CMOS
- B. Min. Illumination 0.01 Lux @ (F1.2,AGC ON), 0 Lux with IR
- C. Shutter Time PAL: 1/25s to 1/50,000s
NTSC: 1/30s to 1/50,000s
- D. Lens ϕ 14, motorized lens, 2.8 - 12 mm @ F1.4
Angle of view: 114.5° - 35.1°
Angle adjust: Pan: 0 - 355°, Tilt: 0 - 75°, Rotation: 0 - 355°
- E. Max. Image Resolution 1080p@25fps/1080p@30fps
- F. Day & Night IR cut filter with auto switch; Color/BW/Auto/EXT
- G. Image Settings Saturation, Contrast, Brightness, Hue, Sharpness
- H. White Balance Auto/User/Push/8000K/6000K/4200K/3000K
- I. Video Output 1 1080p HD TVI output
- J. Functions Digital noise reduction, Mirror
- K. Languages English

- L. Privacy Mask On/Off, maximum 8 zones
- M. Motion Detection On/Off, maximum 4 zones
- N. UTC Communication HD TVI

2.4 PHYSICAL

- A. Operating Conditions -40 °C - 60 °C (-40 °F - 140 °F)
- B. Humidity, all models 90% or less (non-condensing)
- C. Dimension Φ 145.2 × 124.1 mm (Φ 5.72" × 4.9")
- D. Weight 1350 g
- E. IR Distance Up to 40m
- F. Construction
 - a. Body Material Aluminum alloy
 - b. Body Color Advidia White
 - c. Screws Stainless Steel, Security Torx

2.5 CERTIFICATIONS AND RATINGS

- A. Regulatory
 - a. IEC/EN 61000
 - b. IEC/EN 55022
 - c. IEC/EN 55024
 - d. IEC /EN60950-1
 - e. FCC Part 15, Class b
 - f. UL/cUL 60950-1
 - g. RoHS
- B. Ratings
 - a. Ingress Protection IP66
 - b. Impact Protection IK10

2.6 MODELS

A-T-27-V