



A&E Specifications

SNO-1080 High Performance Network Bullet camera

Version 1.0

1. 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 an explicit manufacturer warranty.

2. ELECTRICAL

- a. Input Voltage 12V DC, PoE(IEEE802.3af)
- b. Power Consumption Max 7W

3. VIDEO

- a. Imaging Device 1/4" PS CMOS
- b. Total Pixels 680(H) x 512(V)
- c. Effective Pixels 640(H) x 480 (V)
- d. Resolution VGA 680x480
- e. Scanning System Progressive
- f. Minimum Illumination 0.7Lux, 0Lux IR on
- g. Signal to Noise Ratio 50dB
- h. Video Output CVBS : 1.0Vp-p / 75Ω

4. LENS

- a. Focal Length 2.3 – 7.9mm
- b. Zoom Ratio x 3.4
- c. Aperture Ratio F1.2
 - i. Viewing Angle
 - ii. Tele H : 94°(Wide) ~ 26.5°(Tele)
- d. Wide V : 70°(Wide) ~ 20°(Tele)
- e. Lens Drive Type DC Iris

5. PAN / TILT / ROTATE

- a. Pan Range 0° - 355°
- b. Tilt Range 0° - 90°
- c. Rotate Range 0° - 355°

6. OPERATIONAL

- a. On Screen Display
 - i. Supported Languages English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek
 - ii. Camera Title On / Off (54 characters)
- b. Electronic Shutter Speed Auto / A.FLK / Manual
- c. Day / Night Mode
 - i. Automatic Day/Night Software
 - ii. Manual Colour only (day) / Monochrome only (night)
- d. Backlight Compensation On / Off
- e. Polygonal Privacy Masking Off / On (32ea 4 Points Polygonal)
- f. Sens-up (Frame Integration) Off / Auto



- g. Digital Noise Reduction 2D & 3D (ON/OFF)
- h. Digital Image Stabilisation On / Off
- i. White Balance
Auto Tracing White (ATW1)
Auto Tracing White (ATW2)
Auto White Control (AWC)
3,200°K / 5,600
- j. Intelligent Video Analytics Face Detection, Scene Change, Virtual Line
Enter / Exit, Appear / Disappear
- k. Alarm I/O Input 1ea

7. NETWORK

- a. Ethernet RJ-45 (10/100BASE-T)
- b. Video Compression Format H.264,/ M JPEG
- c. Resolution
 - i. VGA 640 x 480
 - ii. CIF 352 x 288
- d. Maximum Frame Rate 25fps
- e. Video Quality Adjustment H.264 / MJPEG: Compression level, Target
bitrate level control
MJPEG : Quality level control
- f. Bitrate Control Method H.264 / MPEG-4 : CBR or VBR,
- g. Streaming Capability Dual streaming H.264 + MJPEG
- h. IP IPv4. IPv6
- i. Protocol TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP,
NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP,
MTP, ICMP, IGMP, SNMPv1/v2c/v3 (MIB-2),
ARP, DNS, DDNS
- j. Security HTTPS (SSL) login authentication, Digest login
authentication
- k. Streaming Method Unicast / Multicast
- l. Maximum User Access 10 users in unicast mode
- m. Memory Slot SD/SDHC memory slot
- n. Web Viewer Supported OS: Windows XP/VISTA/7/MAC OS
- o. Browser: IE7.0 or Higher, Firefox, Google Chrome, Apple Safari
- p. Central Management Software NET-I viewer

8. ENVIRONMENTAL

- a. Operating
 - i. Temperature -10°C - +50°C
 - ii. Humidity 20% - 80% RH
 - iii. Ingress protection IP66

9. MECHANICAL

- a. Dimensions : Ø77.0 x 216.0mm (Ø3.03" x 8.5") (Bracket angle
90°), 284.0mm (11.18") (Bracket angle 180°)
- b. Weight: 1Kg
- c. Colour Dark Grey
- d. Material Aluminium

10. WARRANTY

3 years, parts and labour

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