advidia M-24-V-T 2MP VF Turret IP Camera

TECHNICAL SPECIFICATIONS

This specification is intended for use by the design/construction professional and any user of advidia Security products to assist in developing project specifications for security and video surveillance systems.

advidia M-24-V-T 2MP VF Turret IP CAMERA

A. GENERAL CHARACTERISTICS

1. The network IR camera shall deliver H.265 stream, H.264 stream and MJPEG.

2. The network IR camera shall produce a resolution of 1920 x 1080 pixels (2MP) at up to 30 fps with a 16:9 aspect ratio.

3. The network IR camera shall utilize an approximate 1/2.7" Progressive Scan CMOS image sensor.

4. The network IR camera shall be equipped with 2.8 ~ 12mm AF Automatic Focusing and Motorized Zoom Lens.

5. The network IR camera shall feature an IR-Cut Filter with Auto Switch (ICR)

6. The network IR camera shall feature a 120dB wide dynamic range.

7. The network IR camera shall produce a color image with a minimum illumination 0.003Lux (F1.6, AGC ON) and monochrome image with 0Lux with IR.

8. The network IR camera shall offer a built-in IR illumination to produce a clear monochrome image in zero lux conditions with Up to 40m (131ft).

9. The network IR camera shall transmit up to two (2) video streams simultaneously which can be selected to H.265 (Main profile) or H.264 (High profile).

10. A user shall be able to view video on a PC using a browser.

11. A user shall be able to view video on a smartphone and tablet using viewer software for iPhone and Android.

12. The network IR camera shall offer Cross line, Intrusion (Based on Human Body Detection), Motion Detection, Tampering Alarm, Audio detection.

13. The network IR camera shall have a micro-SD memory card slot that supports up to 128GB.

14. The network IR camera shall have a built-in microphone.

15. The network IR camera shall offer full-duplex bi-directional audio communication capability between the camera and monitoring site.

16. The network IR camera shall support IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS protocols.

17. NDAA Compliant.

18. The Camera shall conform to the ONVIF G / S / T.

B. CAMERA
1. Image Sensor   1/2.7" Progressive Scan CMOS
2. Scanning Mode   Progressive
3. Minimum Illumination
     a. Color   Colour: 0.005Lux (F1.6, AGC ON)
     b. B/W   0Lux with IR
     c. Day & Night   IR-Cut Filter with Auto Switch (ICR)
4. Dynamic Range   120dB

C. LENS
1. Focal Length   2.8 ~ 12mm

2. Angular Field of View   H:108.05°~ 32.59° V:56.81°~ 18.36° O:111.91°~36.53°
    Aspect ratio (16:9)

D. VIDEO
1. Compression Format   H.265, H.264, MJPEG
2. Image Resolution
   16:9 aspect ratio (2 mega pixel mode)
                      1920 x 1080 / 1280 x 720 / 640 x 360 / 704 X 288 / 352 X 288 (25/30fps)
3. H.265 / H.264
     a. Transmission Mode   Constant bit rate / VBR
     b. Frame Rate   1 / 2 / 3 / 4 / 5 / 6 / 8 / 10 / 12 / 15 / 16 / 18 / 20 / 22 / 25 /30 fps
     c. Bit Rate/Client   64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 /
                             4,096 / 6,144 / Custom kbps
     d. Image Quality
        i. Constant bit rate
        ii. VBR
     e. Transmission type   Unicast, Multicast

4. MJPEG
     a. Image quality
     b. Transmission type   Pull, Push

E. AUDIO
     a. Audio Compression   G.711

F. OPERATION
1. White Balance
2. Smart IR
3. Flip
4. Shutter speed   Auto/Manual, 1 ~ 1/100000s
5. Day & Night   IR-Cut Filter with Auto Switch (ICR)
6. Video Motion Detection   On / Off
7. Intelligent Video Motion Detection
                      Cross line, Intrusion (Based on Human Body Detection), Motion
                      Detection, Tampering Alarm, Audio detection
8. Privacy Zone   On / Off
9. Camera Title (OSD)   Up to 20 characters

G. NETWORK
1. Network Interface   1 RJ45 10M/100M Base-TX Ethernet
2. IP   IPv4
3. Supported Protocols
   a. IPv4   IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, SNMP
4. Max. User access   Up to 6 users
5. Mobile Terminal Compatibility
                        iPad, iPhone(OS 4.2.1 or later）, Android^{TM} mobile terminals

H. INTERFACE
1. SD memory card slot   1 slot, micro-SD card

I. ELECTRICAL
1. Power Source   DC 12V±25%, PoE (IEEE 802.3af)
2. Power Consumption   Max 8.0W

J. SAFTEY / EMC
1. Safety   UL (IEC62368-1), CE, (IEC62368-1)
2. EMC   FCC (Part15 ClassA), EN55032 ClassB, EN55035

K. MECHANICAL
1. Dimensions (D x H)   Φ129 x 113mm (Ø5.1" x 4.4")
2. Weight   0.66kg (1.46lb)

L. ENVIRONMENTAL
1. Ingress Resistance   IP67
2. Operating Temperature -30°C ~ 60°C (-22°F ~ 140°F),
3. Operating Humidity   ≤95% RH (Non-Condensing)