

advidia M-200-P 2MP 33x Network PTZ Dome 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.

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A. GENERAL CHARACTERISTICS

1. The IR PTZ network camera shall deliver H.265 stream, H.264 stream and MJPEG.
2. The IR PTZ network camera shall produce a resolution of 1920 x 1080 at up to 60 fps with a 16:9 aspect ratio.
3. The IR PTZ network camera shall utilize an approximate 1/2.8", 2.0-megapixel, progressive scan, CMOS
4. The IR PTZ network camera shall be equipped with 4.5 ~ 148.5mm, AF Automatic Focusing and Motorized Zoom Lens
5. The IR PTZ network camera shall feature an IR-Cut Filter with Auto Switch (ICR)
6. The IR PTZ network camera shall feature a 120dB wide dynamic range.
7. The IR PTZ network camera shall produce a color image with a minimum illumination of 0.001 Lux (F1.5, AGC ON) and monochrome image with 0Lux.
8. The IR PTZ network camera shall offer a built-in IR illumination to produce a clear monochrome image in zero lux conditions with up to 150m (492 ft)
9. The IR PTZ network camera shall transmit up to three (3) 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 videos on a PC using a browser.
11. A user shall be able to view videos on a smartphone and tablet using viewer software for iPhone and Android.
12. The IR PTZ network camera shall offer Motion detection, Audio detection, Tampering Alarm, Line crossing detection, Intrusion Detection, Enter Area, Leave Area Detection
13. The IR PTZ network camera shall have a micro-SD memory card slot that supports up to 256GB.
14. The IR PTZ network camera shall support IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS protocols.
15. NDAA Compliant.
16. The Camera shall conform to the ONVIF G / S / T.

B. CAMERA

1. Image Sensor 1/2.8", 2.0-megapixel, progressive scan, CMOS
2. Scanning Mode Progressive
3. Minimum Illumination
 - a. Color 0.001 Lux (F1.5, 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 4.5 ~ 148.5mm
2. Angular Field of View H: 56.2° ~ 2.6°, V: 33.5° ~ 1.4°, O: 65.4° ~ 3.0°
3. Aspect ratio (16:9)
Aspect ratio (4:3)

D. VIDEO

1. Compression Format H.265, H.264, MJPEG
2. Image Resolution
 - a. 16:9 aspect ratio (2 mega pixel mode)
1920 x 1080 / 1280 x 720 / 720 X 576 / 640 x 360 / 352 X 288
(25/30/50/60fps)
3. H.265 / H.264
 - a. Transmission Mode Constant bit rate / VBR
 - b. Frame Rate 1 / 2 / 3 / 5 / 8 / 10 / 12 / 15 / 16 / 18 / 20 / 22 / 25 / 30 / 50 / 60 fps
 - c. Bit Rate/Client 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 /
4,096 / 6,144 / 8,192 / 10,240 / 12,288 / 14,336 / 16,384 / 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.711U, G.711A
- b. Audio Mode OFF / Mic input / Audio output / Interactive (Half duplex) /
Interactive (Full duplex)

F. OPERATION

1. White Balance
2. Defog
3. Shutter speed Auto/Manual, 1 ~ 1/100000s
4. Day & Night IR-Cut Filter with Auto Switch (ICR)
5. Video Motion Detection On / Off
6. Intelligent Video Motion Detection
Cross Line, Intrusion, Enter Area, Leave Area Detection, Motion
Detection, Tampering Alarm, Audio Detection.
7. Privacy Zone On / Off
8. Camera Title (OSD) Up to 20 characters
9. Digital zoom 16x
10. Optical Zoom 33x

G. NETWORK

1. Network Interface 1 RJ45 10M/100M Base-TX Ethernet
2. IP IPv4
3. Supported Protocols
IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS.
4. Max. User access Up to 6 users
5. Mobile Terminal Compatibility
iPad, iPhone(OS 4.2.1 or later) , Android™ mobile terminals

H. INTERFACE

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

I. ELECTRICAL

1. Power Source AC 24V±25%, DC 24V±25%, PoE (PSE Required)
2. Power Consumption Max 48W

J. SAFETY / EMC

1. Safety UL (IEC62368-1), CE, IEC62368-1
2. EMC FCC (Part15 ClassA), EN55032 ClassB, EN55024

K. MECHANICAL

1. Dimensions (D x H) Ø227 x 359.4mm (Ø8.9" x 14.2")
2. Weight 5.3kg (11.68lb)

L. ENVIRONMENTAL

1. Ingress resistance IP66
2. Operating Temperature -40°C ~65°C (-40°F ~ 149°F),
3. Operating Humidity ≤95% RH (Non-Condensing)