

advidia M-49-FW 4MP Fixed Bullet 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.

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A. GENERAL CHARACTERISTICS

1. The fixed network camera shall deliver H.265 stream, H.264 stream and MJPEG.
2. The fixed network camera shall produce a resolution of 2688 x 1520 resolution at up to 25 fps with a 16:9 aspect ratio.
3. The fixed network camera shall utilize an approximate 1/2.8", 4MP progressive scan CMOS
4. The fixed network camera shall be equipped with 2.8mm lens
5. The fixed network camera shall feature an IR-Cut Filter with Auto Switch (ICR)
6. The fixed network camera shall feature a 120dB wide dynamic range.
7. The fixed network camera shall produce a color image with a minimum illumination 0.003 Lux (F1.6, AGC ON) and monochrome image with 0Lux
8. The fixed network camera shall offer a built-in IR illumination to produce a clear monochrome image in zero lux conditions with up to 50m (98 ft)
9. The fixed network 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 fixed network camera shall offer Motion Detection
13. The fixed network camera shall have a micro-SD memory card slot that supports up to 256GB
14. The fixed network camera shall have a built-in microphone
15. The PTZ network camera shall support IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP
16. NDAA Compliant
17. The Camera shall conform to the ONVIF G / S / T.

B. CAMERA

1. Image Sensor 1/2.8, 4MP progressive scan, CMOS
2. Scanning Mode Progressive
3. Minimum Illumination
 - a. Color 0.003 Lux (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 2.8mm
2. Angular Field of View H: 101.1°, V: 55.3°, O: 111.1°
3. Aspect ratio (16:9)

D. VIDEO

1. Compression Format H.265, H.264, MJPEG
2. Image Resolution
16:9 aspect ratio (4 mega pixel mode)
2688 X 1520 / 2560 X 1440 / 2304 X 1296 / 1920 x 1080 / 1280 x 720 /
720 X 576 / 640 x 360 / 704 X 288 / 352 X 288
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 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.711U, G.711A
- b. Audio Mode OFF / Audio output / Interactive (Half duplex) /
Interactive (Full duplex)

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. Privacy Zone On / Off
8. 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
4. IPv4 IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP,

- DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP
5. Max. User access Up to 6 users
 6. 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 DC 12V±25%, PoE (IEEE802.3af)
2. Power Consumption Max 6.0W

J. SAFETY / EMC

1. Safety CE, IEC63000:2018, IEC 61000-3-2: 2019+A1: 2021, EN 61000-3-3:2013+A1:2019
2. EMC FCC Part 15, EN 55032:2015+A11:2020, EN 55035: 2017+A11:2020

K. MECHANICAL

1. Dimensions (D x H) 191×73×71mm (7.5"×2.9"×2.8")
2. Weight 0.45kg (0.99lb)

L. ENVIRONMENTAL

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