AVYCON

AVC-NBM81F180

8MP PANORAMIC BULLET NETWORK CAMERA

OVERVIEW

- H.265 Video Compression Technology
- 8MP (4096 × 1800) H.265 Full Real Time Encoding
- Max. resolution: 4096 × 1800
- Full 180° Panoramic View provides clear images without typical distortion of Fisheye Lens, with support for panoramic splicing
- Supports Triple Streaming
- True Day & Night ICR with Starlight
- Ultra Low Light Sensitivity of 0.003Lux@F1.2 (Color) for optimalnight video
- Up to 65ft. (20m) Smart IR Illumination
- Video Analytics (Optional) : Intrusion, Line Crossing, Loitering,
- Tampering and Human Detection, Object Removal, Abandoned Object and People Counting
- Supports HLC, DNR, AWB, and Gain Control
- Built-in micro SD card slot with video and still image capture function (up to 256GB)
- Alarm Input/Output: 1/1 & Audio Input/Output: 1/1
- Supports PoE (802.3 af) and DC 12V
- Supports Smartphone, iPad, and Remote Monitoring
- IP67 Ingress Protection / IK10 Vandal Resistance
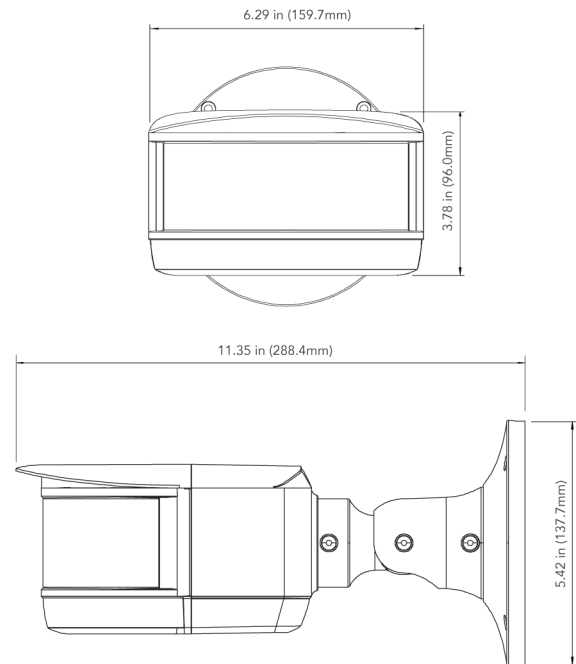- Operating Temperature: -22°F - 140°F, less than 90% RH

DIMENSIONS

Unit : inch(mm)

6.29 in (159.7mm)

3.78 in (96.0mm)

11.35 in (288.4mm)

5.42 in (137.7mm)

OPTIONAL ACCESSORIES

AVM-MDMT-W-TL1

AVYCON   www.avycon.com

SPECIFICATIONS

CAMERA	
Image Sensor	4 x 1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.003Lux@F1.2 B/W: 0.001Lux
Shutter Speed	1/10,000s ~ 1s
IR Distance	Up to 65ft (20m) Smart IR illumination
Day & Night	True Day/Night - ICR Filter Auto Switch
Focal Length	0.13"(3.2mm)
Field of View	Horizontal: ≥180°; Vertical: 80°
S/N Ratio	>50dB
Gain Control	Manual / Auto
White Balance	Manual/Auto/Indoor/Outdoor
HLC	Yes
VIDEO STREAM	
Max. Image Resolution	4096 x 1800 @ 30fps
Supported Resolutions	4096 x 1800, 3480 x 1680, 2880 x 1264, 1024 x 452, 704 x 320
Video Compression	H.265 / H.264 / MJPEG
Video Bit Rate	128Kbps ~ 16Mbps (CBR / VBR Adjustable)
Image Settings	ROI, Brightness, Saturation, Chroma, Contrast, NR; configurable through Software or Web Browser
NETWORK	
Ethernet	1 x RJ45 10M / 100M Ethernet Port
API	ONVIF
Protocol	HTTP, HTTPs, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, PPPoE, DHCP
Max Streams	Up to 10 channels Live View
Max Users	Up to 10 accounts; 3 User Levels: Administrator, Advanced User, Normal user
AUDIO	
Audio Compression	G.711A/U
Audio I/O	1 / 1
VIDEO ANALYTICS	
Basic Event	Motion Detection, Video Tampering Detection, SD Card Error, IP Conflict, Cable Disconnection
Smart Event	Object Removal Detection, Region Intrusion Detection, Abnormal Video Detection, Line Crossing Detection, People Intrusion, People Counting
Alarm Link Events	SD Card Recording, Triggering Record, Notifying Control Center, Uploading SD Card, Sending E-mail
INTERFACES	
Storage	Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function
RS 485	1 Channel; Pelco-D/P protocol & Custom Protocols available
Alarm I/O	1/1
GENERAL	
Working Temperature	-22°F~140°F(-30°C~60°C)
Working Humidity	0~95% (Non-Condensing)
Power Input	DC 12V / PoE (802.3af)
Ingress Protection	IP67 Rated
Vandal Resistance	IK10
Weight	4.6lbs
Dimensions	11.35" x 5.42" x 6.29" (288mm x 138mm x 160mm)