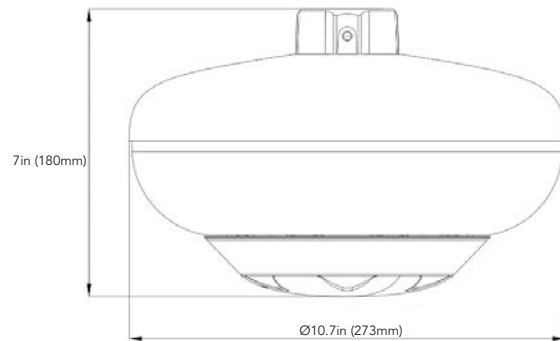**AVYCON**®

AVC-N4M81F360 AI

CE | FC

8MP MULTI-SENSOR QUAD-DIRECTIONAL IR VANDAL DOME NETWORK CAMERA

OVERVIEW

- 8MP (3840 X 2160)H.265+/H.264+/MJPEG
- Max. resolution: 3840 X 2160
- Full Color / Active Deterrence Camera
- 2.0mm Fixed Lens (F2.4)
- 3D DNR, WDR, HLC, BLC, ROI encoding
- Intelligent Analytics
- Built-in micro SD card slot, up to 256GB
- IP66 ingress protection
- DC12V/PoE power supply
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)

DIMENSIONS

Unit : inch(mm)

7in (180mm)

Ø10.7in (273mm)

OPTIONAL ACCESSORIES

AVM-PT-CMT-N4M (included)
PENDANT CEILING
MOUNTING BRACKET

AVM-MT-WMT-F360
EXTENDED WALL
MOUNT BRACKET

AVM-MT-PMT-F360
EXTENDED WALL MOUNT
WITH POLE MOUNT BRACKET

AVM-MT-CMT-F360
EXTENDED WALL MOUNT
WITH CORNER MOUNT BRACKET

AVM-MT-WJB-F360
MOUNT WITH
JUNCTION BOX

AVYCON   www.avycon.com

SPECIFICATIONS

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS x 4CH
Resolution	8MP
Image Size	3840x2160
Min. Illumination	Color：0.005Lux @ (F1.6, AGC ON)；B/W：0.001Lux @(F1.6, AGC ON);0Lux with IR
Shutter Speed	1/1 s – 1/100,000 s
IR Distance	Up to 82ft, 360°(H) x 90°(V)
Smart IR	Yes
Lens	4.0mm lens x 4CH, F1.6
Field of View	Horizontal: 90°, Vertical: 50°
VIDEO STREAM & AUDIO	
Max. Image Resolution	3840 x 2160 @ 30fps
Stream 0	Panoramic view: 3840×2160,2560×1440,1920×1080 (1~30fps)
Stream 1	CH1:1920×1080,1280×720,720×480 (1~30fps)
Stream 2	CH2:1920×1080,1280×720,720×480 (1~30fps)
Stream 3	CH1:1920×1080,1280×720,720×480 (1~30fps)
Stream 4	CH2:1920×1080,1280×720,720×480 (1~30fps)
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Audio Compression	G.711 A/U
Live View	Up to 6 channels
User/Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
NETWORK	
Ethernet	1 x RJ45 10M / 100M
ONVIF	ONVIF(Profile S/G/T, 20.06)
Protocol	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP,DHCP, PPPoE
Security	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
IMAGE	
Day & Night	(Day/Night/Auto/Schedule)
Gain Control	Auto/Manual/Indoor/Outdoor
White Balance	Auto/Manual/Indoor/Outdoor
Privacy Mask	Off/On (1 Zone)
Sharpness	Yes
Image Setting	Yes
VIDEO ANALYTICS	
Smart Features	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error)
Smart Events	Up to 4 regions configurable: Human/vehicle detection and classification, Face comparison, Intrusion detection,Line crossing detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Scene change detection.
ROI	Up to 4 regions configurable
Alarm Link Events	Upload to FTP/Memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
Alarm	1CH alarm input; 1CH alarm output
Audio	1CH audio input; 1CH audio output
Built-In Storage	Built-in SD card slot, up to 256GB
GENERAL	
Power	AC24V,DC24V,PoE+ (802.3.at, class 4)
Working Temperature	-22 °F ~ 131 °F (-30°C ~ 55°C)
Protection	IP 66, IK10
Material	Aluminum Alloy; Plastic
Dimensions	Ø10.7" x 7" (Ø273mm x 180mm)
Weight	7.18lb (3.26Kg)