



AVC-NVP81F180

NDA A
COMPLIANT

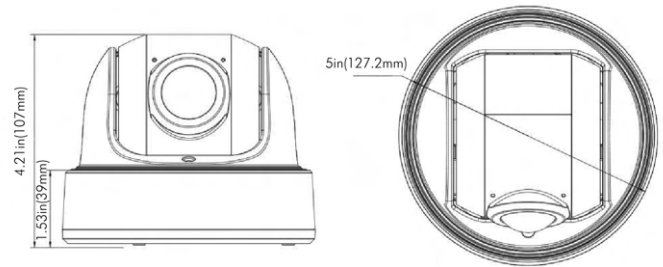
4K PANORAMIC 180° MINI DOME NETWORK CAMERA

OVERVIEW

- 4K (3840 x 2160) @ 15fps / (3200 x 1800) @ 25fps
- Max. Resolution: 3840 x 2160
- True Day & Night ICR filter Auto Switch
- Up to 49 ft (15 m) IR Illumination
- Fixed 1.68mm Lens
- 3D/2D DNR, Super WDR, HLC, BLC and ROI Encoding
- Supports Triple Streams
- Supports Remote Access with Windows, macOS, iOS and Android
- IP67 Ingress Protection
- Operating Temperature: -40°F - 140°F (-40°~60° C)
- DC12V±10%/ PoE (802 .3af)
- Built-in micro SD card slot with video and still image capture function (up to 256GB)

DIMENSIONS

Unit : inch(mm)



OPTIONAL ACCESSORIES



AVM-P-PMT-A1
POLE MOUNT



AVM-P-CMT-A1
CORNER MOUNT BRACKET



AVM-DWMT-V180
WALL MOUNT

SPECIFICATIONS

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Resolution	8MP
Image Size	3840 x 2160
Min. Illumination	Color: 0.01lux @F1.2 or 0.012lux @F2.0 BW: 0lux w IR ON
Shutter Speed	1/100,000s ~ 1s
Slow Shutter	Supported
IR Distance	Up to 49ft. (15m)
Lens	Fixed 1.68mm@F2.0
Field of View	H180°/V86°
WDR	120dB
VIDEO STREAM	
Max. Image Resolution	3840 x 2160
Supported Resolutions	3840 x 2160, 3440 x 1936, 3200 x 1800, 2880 x 1620, 2560 x 1440, 1920 x 1080, 1280 x 720, 704 x 576, 640 x 480, 640 x 360, 320 x 240, 320 x 192, 320 x 180
Main Stream	15FPS @ 3840 x 2160, 3440 x 1936 25FPS @ 3200 x 1800 30FPS @ 2880 x 1620, 2560 x 1440, 1920 x 1080, 1280 x 720
Sub Stream	704 x 576, 640 x 480, 640 x 360, 320 x 240
Third Stream	1920 x 1080, 1280 x 720, 704 x 576, 640 x 480, 640 x 360, 320 x 240, 320 x 192, 320 x 180
Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Video Bit Rate	16 Kbps ~ 16 Mbps (CBR / VBR Adjustable)
NETWORK	
Ethernet	1 x RJ45 10M / 100M Ethernet Port
Network Storage	Micro SD/SDHC/SDXC Slot (up to 256GB) with video and still image capture function
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
IMAGE	
Day & Night	ICR Filter Auto Switch
True WDR	120dB Super WDR
Digital NR	Yes (3D DNR)
Backlight Compensation (BLC)	Yes
HLC	Yes
ROI	Yes
Privacy Mask	Supported
Sharpness	Yes
Image Setting	Brightness/Contrast/Saturation/Sharpness
VIDEO ANALYTICS	
Smart Events	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection,
Alarm Link Events	People Counting, Object Left, Object Removed Motion Detection, Sensor Alarm, SD Card Full, SD Card Error, IP Address Conflict, Network Disconnection
GENERAL	
Housing	Vandal-proof IK10-rated Metal Housing
Power Supply	DC 12V±10% / PoE (802.3af)
Power Consumption	≤6W, 9W MAX (With IR on)
Ingress Protection	IP67
Weight	1.88 lbs (853 g)
Working Temperature	-40°~140° F (-40°~60° Celcius)
Dimensions	4.2 in x 5 in (107mm x 127.2 mm)