AVC-NPE81F2D AI

NDAA COMPLIANT | CE | FC
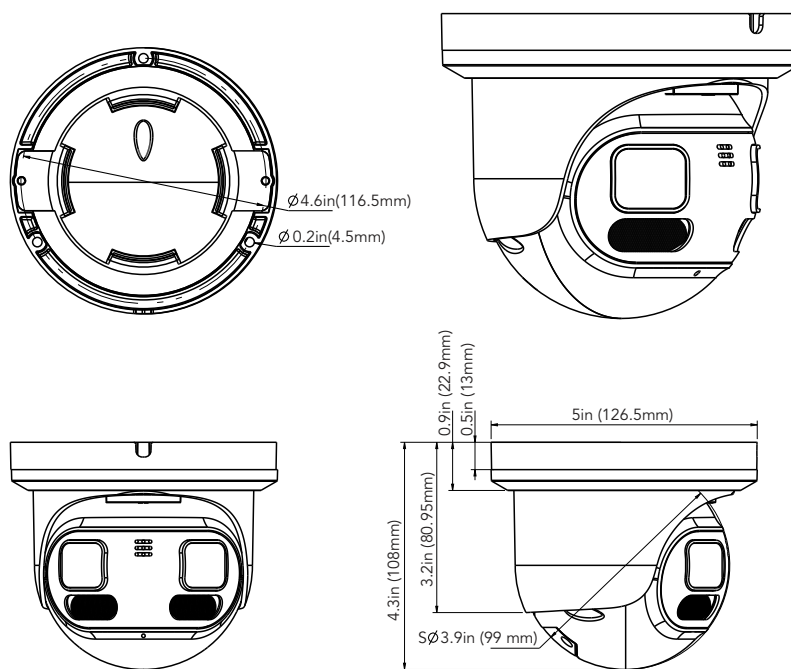
8MP H.265 DUAL LENS PANORAMIC TURRET NETWORK CAMERA

OVERVIEW

- 8MP (5120×1440) H.265+, H.265, H.264+, H.264, MJPEG
- Max. resolution: 5120×1440
- Dual Lens Stitched Panoramic View (2 x 2.8mm Fixed Lens)
- Full Color / Active Deterrence Camera
- 3D DNR, WDR, HLC, BLC, ROI encoding
- Intelligent Analytics
- White Light LED / Strobe (Blue & Red) Light
- Built-in MIC / Speaker
- Built-in micro SD card slot, up to 256GB
- IP67 ingress protection
- DC12V/PoE power supply
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)

DIMENSIONS

Unit : inch(mm)

Ø4.6in(116.5mm)
Ø0.2in(4.5mm)

0.9in (22.9mm)
0.5in (13mm)
5in (126.5mm)
4.3in (108mm)
3.2in (80.95mm)
SØ3.9in (99 mm)

OPTIONAL ACCESSORIES

AVM-JB-BE-L1	AVM-CWM-EDV-L1	AVM-HWM-E-L1	AVM-HCM-E-L1	AVM-JB-DUAL-UL1	AVM-POM-A1	AVM-CRM-A1
JUNCTION BOX	COMPACT WALL MOUNT	WALL MOUNT WITH JUNCTION BOX	CEILING MOUNT WITH JUNCTION BOX	DUAL JUNCTION BOX	POLE MOUNT BRACKET	CORNER MOUNT BRACKET

SPECIFICATIONS

VIDEO	
Image Sensor	1/2.7" Progressive Scan CMOS *2
Max. Resolution	5120*1440
Min. Illumination	Color: 0.001 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/5 s to 1/20000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Zoom	N/A
LENS	
Focal Length	2.8 mm Fixed
FOV	Horizontal field of view: 180°
Aperture	F1.0
ILLUMINATOR	
Supplement Light Range	IR Distance: Up to 98ft /Warm light: up to 49ft
Supplement Light Type	IR & Warm light
VIDEO	
*Main Stream	60/50Hz@20fps;5120x1440; 4608x1296;4096x1152;3840x1080;3072x864
Sub-Stream	60/50Hz@20fps;2048x576; 1536x432;1024x288
Video Compression	Main stream: H.265+/H.265/H.264+/H.264
	Sub-stream: H.265+/H.265/H.264+/H.264/MJPEG
Video Bit Rate	8 kbps to 16384kbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Region Of Interest (ROI)	N/A
Audio	N/A
Audio Compression	G.711a/G.711u
NETWORK	
Protocols	IPv4/IPv6, HTTP, HTTPS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, DHCP, PPPoE,
API	Onvif (Profile S, Profile G, Profile T),Http API
Simultaneous	Live View Up to 15 channels
User/Host	7 User
Security	Password protection, complicated password, HTTPS encryption, IP address filter,control timeout settings
Client	VMS
Web Browser	IE11, Chrome 57+, Firefox 52+, Safari 11+
IMAGE	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	DWDR
Image Settings	Saturation, brightness, contrast, sharpness, Hue and white balance adjustable by client software or web browser
Privacy	4 privacy masks
INTERFACE	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB
Alarm	Built-in red & bule flashing lights
Audio	1 Built-in MIC, Built-in Speaker
Reset Button	Supported
EVENT	
Basic Event	Motion detection
Deep Learning Function	Face Recogniton , Pedestrian&Vehicle Detection , Line Crossing , Object Detection , CrossCounting , Heat Map, Crowd Density ,
	Queue Length, License Plate Recognition, Intrusion,Region Entrance, Region Exiting
GENERAL	
Power	DC 12V/POE, max. TBD
Protection	IP67
Operating Condition	-22 °F to 149 °F(-30 °C to 60 °C). Humidity 90% or less (non-condensing)
Material	Metal
Dimension	Ø 4.3" × 5"(Ø 108 mm × 127 mm)

*Highest main stream resolution (5120x1440) is not supported on the following PoE NVR models: AVR-NSV04P4, AVR-NSV08P8, AVR-NSV16P16
   Please contact our sales department for the most updated compatible model NVR's that supports highest main stream resolution (5120x1440).