



# AVC-NAE81F28

NDA  
COMPLIANT | CE | FC

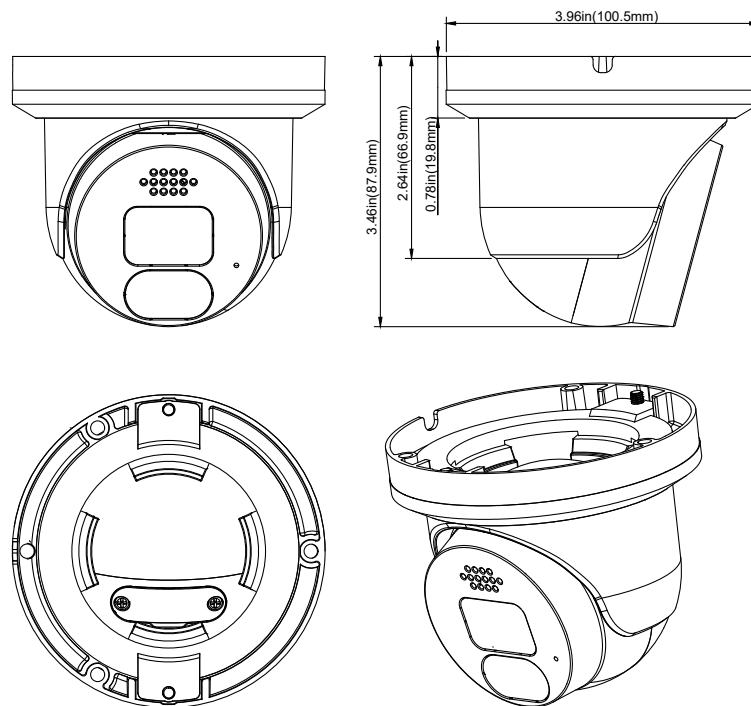
8M Smart Defender Turret Network Camera

## DIMENSIONS

Unit : inch(mm)

### OVERVIEW

- 8MP (3840x2160) @15fps H.265/ H.254
- Full Color Smart Defender Camera
- 2.8mm Fixed Lens (F1.0)
- 3D DNR, D-WDR
- White Light LED / Strobe (Blue & Red) Light
- Built-in MIC / Speaker
- Built-in Micro SD card slot (up to 256GB)
- AI Feature : Intrusion, Tripwire, Loitering Detection, Region Entrance / Exiting
- IP67 ingress protection
- PoE / DC12V Power supply
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)



### OPTIONAL ACCESSORIES



AVM-JB-BE-S2  
JUNCTION BOX



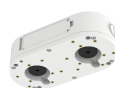
AVM-CWM-EV-S2  
COMPACT  
WALL MOUNT



AVM-HWM-E-S2  
WALL MOUNT  
WITH JUNCTION BOX



AVM-HCM-E-S2  
CEILING MOUNT  
WITH JUNCTION BOX



AVM-JB-DUAL-US1  
DUAL JUNCTION BOX



AVM-POM-A1  
POLE  
MOUNT BRACKET



AVM-CRM-A1  
CORNER  
MOUNT BRACKET

## SPECIFICATIONS

VIDEO	
Imaging Device	1/2.7"
Effective Pixels	8MP 3840(H)* 2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
LENS TYPE	
Focal Length (Zoom Ratio)	2.8 mm
Max. Aperture Ratio	F No. 1.0
Angular Field of View	Horizontal:110° , Vertical:58° , Diagonal: 133°
Min. Object Distance	6.56ft(2m)
Lens Type	Fixed(M12)
OPERATIONAL	
IR LED	1
WarmLight	2
Red Blue Light	2 (1 Red&1 Blue)
IR Viewable Length	Up to 82ft(25m)
WarmLight Viewable Length	Up to 65ft(20m)
Type of complementary light	Default warm light, switchable infrared light
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	DWDR
Digital Noise Reduction	3D DNR
Image Setting	Full Color Mode/Day&Night Mode/Smart Illumination
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	NA
Audio	Built-in microphone&Speaker
Hardware Reset	YES
Smart Feature	SMD (Pedestrian&Vehicle)/Intrusion/Tripwire Detection/Loitering Detection/Region Entrance/Region Exiting
NETWORK	
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Main Stream@25fps : 8MP (3840* 2160) Sub Stream@25fps : 1080P(1920x1080)
Video Quality Ajustment	512Kbps ~ 6Mbps
Bitrate control method	CBR/VBR
IP	IPv4
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,HTTPS
Security	complicated password;Authenticated username and password
Application Programming Interface	ONVIF
Web Viewer	IE10,11
ENVIRONMENTAL	
Operating Conditions	-31~140F(-35 ~ +60°C)/less than ≤ 90% RH
Ingress Protection	IP67
ELECTRICAL	
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption	DC12V : max 7.2W ; POE (48V): max 8.4W
MECHANICAL	
Material	Metal
Dimensions (HxWxD)	TBA
Weight	0.68lb(312g)