AVYCON

AVC-NBE81F28 AI

NDAA COMPLIANT | CE | FC

8M Dual Light Turret Network Camera

DIMENSIONS

Unit : inch(mm)

3.96in(100.5mm)

3.46in(87.9mm)

2.64in(66.9mm)

0.78in(19.8mm)
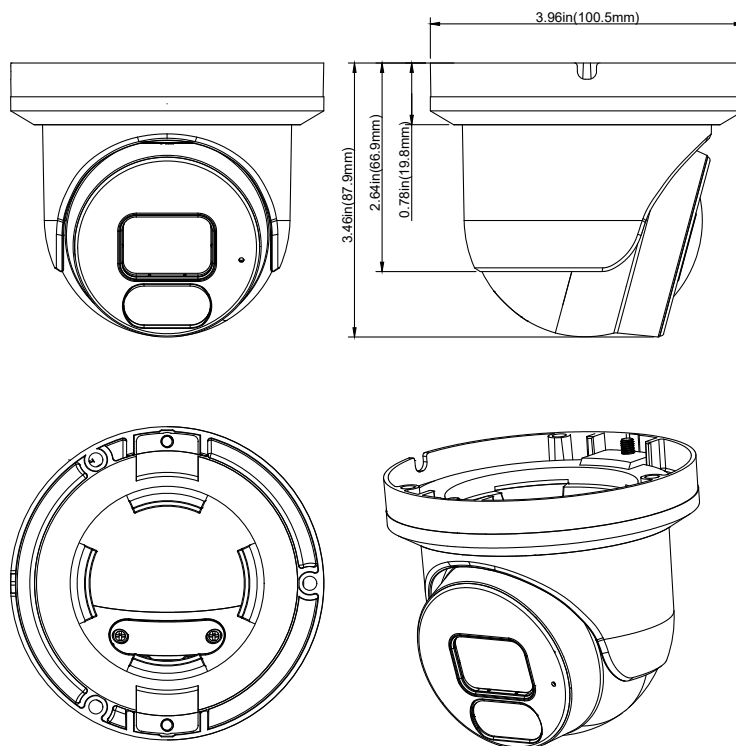
OVERVIEW

- 8MP (3840x2160) @15fps H.265/ H.254
- Full Color / IR Mode
- 2.8mm Fixed Lens (F1.6)
- 3D DNR, D-WDR
- Dual Light: White Light LED / Infra Red LED
- Built-in MIC
- 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)
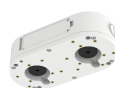
OPTIONAL ACCESSORIES

| AVM-JB-BE-S2 | AVM-CWM-EV-S2 | AVM-HWM-E-S2 | AVM-HCM-E-S2 | AVM-JB-DUAL-US1 | 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 |

AVYCON   www.avycon.com

SPECIFICATIONS

VIDEO	
Imaging Device	1/2.7 "
Effective Pixels	8MP 3840(H)* 2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.009lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
LENS TYPE	
Focal Length (Zoom Ratio)	3.6 mm
Max. Aperture Ratio	F No. 1.6
Angular Field of View	Horizontal:89° , Vertical:44°, Diagonal: 107°
Min. Object Distance	6.56ft(2m)
Lens Type	Fixed(M12)
OPERATIONAL	
IR LED	1
WarmLight	2
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
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@15fps : 8MP （3840* 2160）
	Sub Stream@15fps : 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
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 5.6W ； POE（48V): max 7.2W
MECHANICAL	
Material	Metal