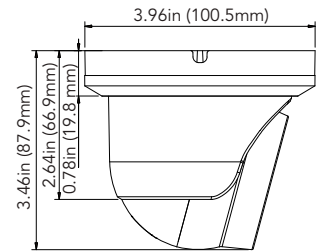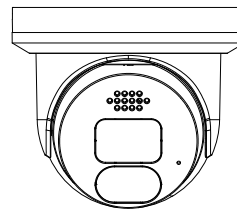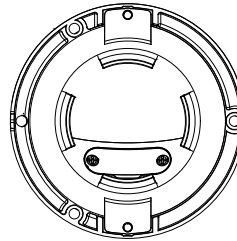# AVC-NDE51F28 AI

NDAA COMPLIANT | CE | FC

5MP H.265 TURRET NETWORK CAMERA
Active Deterrence 24/7 Color

OVERVIEW

- 5MP (2880x1620) H.265+/H.264+/MJPEG
- Max. resolution: 2880x1620
- Full Color / Active Deterrence Camera
- 2.8mm Fixed Lens (F1.0)
- 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)

3.96in (100.5mm)
3.46in (87.9mm)
2.64in (66.9mm)
0.78in (19.8 mm)

OPTIONAL ACCESSORIES

| AVM-JB-BES2 | AVM-CWM-EV-S2 | AVM-HWM-E-S2 | AVM-HCM-E-S2 | AVM-CRM-A1 | AVM-POM-A1 | AVM-JB-DUAL-US1 |
| JUNCTION BOX | COMPACT WALL MOUNT | WALL MOUNT WITH JUNCTION BOX | CEILING MOUNT WITH JUNCTION BOX | CORNER MOUNT BRACKET | POLE MOUNT BRACKET | DUAL CAMERA JUCTION BOX |

SPECIFICATIONS

VIDEO	
Imaging Device	1/2.7 "
Effective Pixels	5MP 2880（H）x1620（V）
Scanning System	Progressive CMOS
Min. Illumination	Color 0.002lux @ 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: 132°
Min. Object Distance	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	WDR
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
Custom Voice	Yes
Hardware Reset	Yes
Smart Feature	Face Detection, Pedestrian & Vehicle, Perimeter Intrusion, Line Crossing, Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound, Intrusion, Region Entrance, Region Exiting
NETWORK	
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	Main Stream@30fps: 5MP(2880x1620), 4MP(2560X1440), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720)
	Sub Stream@30fps: 720P(1280x720), VGA(640x480), QVGA(320x240)
	Mobile Stream@30fps: VGA(640x480), QVGA(320x240)
Video Quality Adjustment	256Kbps ~ 8Mbps
Bitrate control method	CBR/VBR
IP	IPv6
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	IP address filter; complicated password; Authenticated username and password
Application Programming Interface	ONVIF(Profile S/G/T/M)
Web Viewer	IE10/11, Safari V12.1 above, Firefox V.52 above, Google Chrome V.57 above, Edge V.79 above
ENVIRONMENTAL	
Operating Conditions	-31~+140°F (-35〜+60°C) /less than ≤ 90% RH
Ingress Protection	IP67
ELECTRICAL	
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption	DC12V: max 5.8W ; POE （48V): max 7.1W
MECHANICAL	
Material	Metal
Dimensions	3.96 x 3.46in (100.5 x 87.9mm)
Weight	0.9lb (425g)