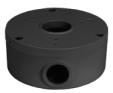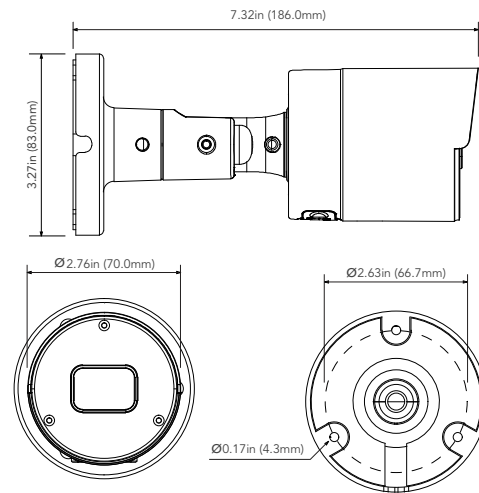**AVYCON**®

AVC-NSB51F28-G AI

NDAA COMPLIANT | C E | FC

5MP H.265 FIXED LENS BULLET NETWORK CAMERA

- 5MP (2592x1944) @ 30fps
- Max. resolution: 2592x1944
- H.265+/H.265, H.264+/H.264, MJPEG Encoding
- True Day & Night ICR
- Fixed 2.8mm Lens
- 3D DNR, True WDR, HLC, BLC, ROI encoding
- Intelligent Analytics
- Built-in micro SD card slot, up to 256GB
- Built-in MIC
- IP67 ingress protection
- DC12V/PoE power supply
- Support remote monitoring by AVYCON ONE (Mobile APP) and AVYCON CMSONE (CMS)
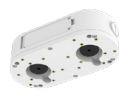
Unit : inch(mm)

7.32in (186.0mm)

3.27in (83.0mm)

Ø 2.76in (70.0mm)

Ø 2.63in (66.7mm)

Ø0.17in (4.3mm)

AVM-JB-BE-S1-G	AVM-HWM-E-S1	AVM-HCM-E-S1	AVM-JB-DUAL-US1	AVM-POM-A1	AVM-CRM-A1
JUNCTION BOX	WALL MOUNT WITH JUNCTION BOX	CEILING MOUNT WITH JUNCTION BOX	DUAL JUNCTION BOX	POLE MOUNT BRACKET	CORNER MOUNT BRACKET

AVYCON   www.avycon.com

VIDEO	
Imaging Device	1/2.7" Progressive CMOS
Resolution	Main Stream: 5MP(2592x1944), 4MP(2592x1520), 4MP(2048x1536), 3MP(2304x1296), 1080P(1920x1080), 720P(1280x720)
	Sub Stream: 1080P(1920x1080), 720P(1280x1520), VGA(640x480) @ 30fps
	Mobile Stream: VGA(640x480), QVGA(320x240) @ 30fps
Max. Framerate	50Hz: 25fps @ 5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA,
	60Hz: 30fps @ 5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA
Min. Illumination	Color: 0.004 lux @ F1.6 (AGC ON)
	BW: 0 lux w IR ON
Compression	Video: H.265+/H.265 Main Profile, H.264+/H.264 High Profile, MJPEG (Sub Stream Only)
	Audio: G.711a / G.711u
Bitrate Control	CBR or VBR (256Kbps ~ 8Mbps)
LENS	
Focal Length (Zoom Ratio)	2.8mm Lens
Max. Aperture Ratio	F1.6
Angular Field of View	Horizontal: 110°, Vertical: 58°, Diagonal: 133°
Focus Control	N/A
Lens Type	Fixed
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Adjustment	Manual Adjustment
OPERATIONAL	
Camera Title	Title Displayed up to 32 characters
Day & Night	IR cut filter with auto switch (Day / Night / Auto / Schedule)
Exposure Compensation	BLC, HLC, WDR
Digital Noise Reduction	3D DNR
Digital Image Stabilization	N/A
Motion Detection	Rectangle Grid (8 Levels of Sensitivity)
Privacy Masking	4 Rectangle Zones
Gain Control	AUTO
White Balance	AUTO / MANUAL
LDC	N/A
Eletronic Shutter Speed	AUTO / Manual (1/5 ~ 1/20000s)
Video Rotation	Flip / Mirror
Analytics	Face Detection (FD), Pedestrian & Vehicle Detection (PD&VD), Intrusion Detection (ID), Line Crossing Detection (TD),
	Tripwire Counting (TC), Stationary Object Detection (OBJ), Heat Map (HM), Crowd Density Detection (CD), Queue Length Detection (QD),
	License Plate Detection (LPR), Rare Sound Detection (RSD)
Alarm I/O	N/A
Alarm Triggers	Motion Detection
Alarm Events	Notification via E-mail, Image file upload via FTP, Video file upload via FTP, Image file upload to Cloud (Dropbox),
	Video file upload to Cloud (Dropbox), Micro SD recording at event triggered, Event Push via HTTP / UDP
Audio In	Built-in MIC
Audio Out	N/A
IR Viewable Length	98ft (30M)
NETWORK	
Ethernet	RJ45 (10/100BASE-T)
Streaming	Unicast / Multicast
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	Login Authentication, IP Address Filtering, User access log
Application Programming Interface	ONVIF Profile S/G/T, REST API
GENERAL	
Webpage Language	English, Korean
Edge Storage	Micro SD/SDHC/SDXC Slot (256GB Max)
Memory	N/A
ENVIRONMENTAL & ELECTRICAL	
Operating Temperature / Humidity	-22°~131°F (-30°~+55°C) / less than ≤ 95% RH
Storage Temperature / Humidity	
Certification	IP67
Input Voltage	PoE (IEEE802.3at) / 12VDC
Power Consumption	2W-3W (IR OFF) / 3.5W-5.5W (IR ON)
MECHANICAL	
Color / Material	Gray / Metal
Product Dimensions / Weight	Ø7.32x2.76in (Ø186x70mm) / 0.88lbs (400g)
DORI (EN62676-4-STANDARD)	
Detect (25PPM / 8PPF)	
Observe (63PPM / 19PPF)	
Recognize (125PPM / 38PPF)	
Identify (250PPM / 76PPF)	