AVC-NSB81F28
8MP H.265 FIXED LENS BULLET NETWORK CAMERA

Infinite★Star™

Grey Available:
AVC-NSB81F28-G

8MP Resolution	PoE	True WDR	True D&N	AI
IP66	iOS	Android	*NDAA* Compliant	

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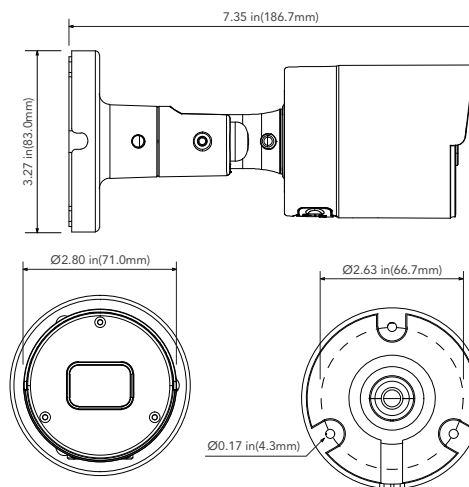*8MP H.265 FIXED LENS BULLET NETWORK CAMERA*

The AVYCON AVC-NSB81F28 camera is a 8MP H.265 Bullet Network Camera. This 8MP IP camera supports True Day and Night mode, PoE, up to 98ft. of Smart IR Illumination, and also incorporates an InfiniteStar sensor which allows viewing of video in the lowest of light environments, even in color. This camera includes a Fixed 2.8/3.6mm Lens. Also standard with this series is Digital NR, ROI, HLC, True WDR, and BLC capabilities along with IP66 outdoor rating. Optional accessories for this camera include a Junction Box Mount. Includes a MicroSD memory card slot for standalone recording applications.

FUNCTIONS

· 8MP (3840 x 2160) @ 30fps
· Max. Resolution: 3840 x 2160
· Supports Smart H.265/H.264 Encoding
· True Day & Night ICR · Up to 98 ft. IR Illumination
· Fixed 2.8mm Lens
· 3D DNR, True WDR, HLC, BLC and ROI Encoding
· Supports Triple Streams
· Supports Remote Access with Windows, macOS, iOS and Android
· IP66 Ingress Protection
· Operating Temperature: -22°F - 131°F
· DC12V / PoE (802.3af, ≤6W)
· Built-in MIC
· NDAA Compliant
· Built-in MicroSD Card Slot
· Built-in Reset Button
· NDAA Compliant

DIMENSIONS

Unit : inch (mm)

7.35 in(186.7mm)
3.27 in(83.0mm)
Ø2.80 in(71.0mm)
Ø2.63 in(66.7mm)
Ø0.17 in(4.3mm)

OPTIONAL ACCESSORIES

AVM-JB-BE-S1
JUNCTION BOX

AVM-CRM-A1
CORNER MOUNT

AVM-POM-A1
POLE MOUNT

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SPECIFICATIONS

CAMERA	
Image Sensor	1/2.8" Progressive Scan CMOS
Resolution	8MP
Image Size	3840 x 2160
Min. Illumination	Color: 0.1lux @ F1.2 (AGC ON) BW: 0 lux w IR ON
Shutter Speed	1/20,000s ~ 1/5s
Slow Shutter	Supported
IR Distance	Up to 98ft. (30m)
Lens	Fixed 2.8mm
Field of View	Horizontal:107°, Vertical:57°, Diagonal:128°
WDR	120dB

VIDEO STREAM	
Max. Image Resolution	3840 x 2160 @ 30fps
Supported Resolutions	3840 × 2160, 3072 × 1728, 2592 × 1944, 2592 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720, 640 × 480, 320 × 240
Main Stream	3840 × 2160, 3072 × 1728, 2592 × 1944, 2592 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 960, 1280 × 720
Sub Stream	720P(1280x720), VGA(640x480), QVGA(320x240)
Mobile Stream	VGA(640x480), QVGA(320x240)
Video Compression	H.265 / H.264
Video Bit Rate	8 Kbps ~ 16 Mbps (CBR / VBR Adjustable)
Max. Framerate	50Hz: 25fps@8MP/5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA, 60Hz: 30fps@8MP/5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA

NETWORK	
Ethernet	1 x RJ45 10M / 100M Ethernet Port
ONVIF	ONVIF(Profile S/G/T,20.06)
Protocol	HTTP, HTTPs, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, PPPoE, DHCP
Security	IP Address Filter; Complicated Password; Authenticated Username and Password

IMAGE	
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Schedule)
True WDR	Yes
Digital NR	Yes (3D DNR)
Backlight Compensation (BLC)	Off/On (5 Zone)
Motion Detection	Off/On (8 Level)
Gain Control	Auto
White Balance	Auto/Manual
Privacy Mask	Off/On (4 Zone, Rectangle)
Flip / Mirror	Flip/Rotation
Sharpness	Yes
Image Setting	Yes
Language	Support for 12 Different Languages

VIDEO ANALYTICS	
On-Board Storage	Micro SD slot, up to 256GB
Alarm/Audio	No/ Built-in Microphone
Hardware Reset	Yes
Smart Feature	PID,LCD,PD/VD,FD
Smart Events	Human Detection, Face Detection, Vehicle Detection
Alarm Link Events	Motion Detection, Sensor Alarm, SD Card Full, SD Card Error, IP Address Conflict, Network Disconnection

GENERAL	
Angle Adjustment	Any Angle
Input Voltage	DC 12V / PoE (802.3af)
Power Consumption	≤6W
Ingress Protection	IP66
Weight	0.7lbs
Working Temperature	-22°~131° F (-30°~55° Celcius)
Dimensions	7.35" x 3.27" (186.7mm x 83.0mm)

AVYCON®

phone: 949-752-7606
email: info@avycon.com
social: @avycon_aivo
website: avycon.com