

AVC-BNN41FT2.8

4MP H.265 FIXED BULLET NETWORK CAMERA



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4MP NETWORK IR WEATHER-PROOF BULLET CAMERA

The AVC-BNN41FT2.8 is our 4MP H.265 Network IR Bullet Camera with a fixed 2.8mm lens and featuring our newest generation of video analytics. This camera supports True Day/Night mode, True WDR capabilities and also includes a microSD memory card slot for standalone recording applications. The AVC-BNN41FT2.8 can be powered by both PoE (802.3af) and DC12V and also includes a hardware reset button. Integrated Video Analytics include Missing/Abandoned Objects*, Line Crossing, Heat Map*, Vehicle/People Counting and Facial Detection.

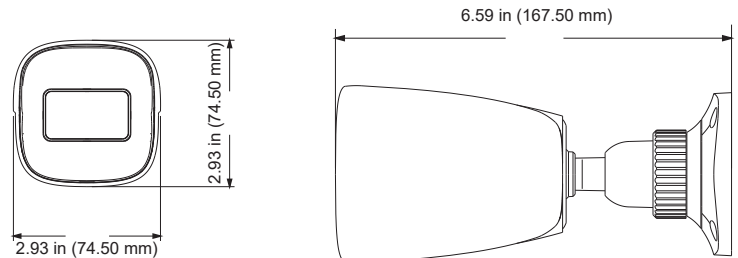
*Features available soon

FUNCTIONS

- 4MP (2592 x 1520) H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
- Max. Resolution: 2592 x 1520
- True Day/Night operation with ICR Automatic switching
- 98ft ~ 164ft IR night view distance
- Smart IR Illumination
- 3D DNR, True WDR, HLC, BLC, Defog, Smart IR and ROI Coding
- Support image distortion correction
- Built-in micro SD card slot, up to 256G
- Support triple stream
- DC12V / PoE power supply
- IP67 ingress protection
- P2P/NAT Function available
- Support remote monitoring by smart phones & table PCs with iOS and Android OS
- Intelligent analytics including: Line Crossing, Region Intrusion Person and Vehicle Counting, Scene Change / Vandalism Detection, Face Detection and others.
- NDAA Compliant

DIMENSIONS

Unit : inch (mm)



OPTIONAL ACCESSORIES



AVM-BDMT-W-TL1



AVM-DPMT-W-TL1

AVC-BNN41FT2.8

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SPECIFICATIONS

CAMERA				
Image Sensor	1/3" Progressive Scan CMOS			
Image Size	2592 x 1520			
Shutter Speed	1/2s to 1/100,000s			
Iris Type	Fixed Iris			
Min. Illumination	Color: 0.005 lux @ F1.6(AGC ON); BW: 0 lux with IR			
IR Distance	Up to 98ft			
Lens	Fixed 2.8 @ F1.6 Horizontal FoV: 95.3° Vertical FoV: 53.2° Diagonal FoV: 100.7°			
Focus	Fixed			
Lens Mount	M12			
Day & Night	ICR			
Wide Dynamic Range	120dB			
Digital NR	3D DNR			
Backlight Compensation (BLC)	Yes			
Highlight Compensation (HLC)	Yes			
Defog	Yes			
S/N Ratio	≥50dB			
Angle Adjustment	Pan: 0° ~ 360°; Tilt: 0° ~ 80°; Rotation: 0° ~ 360°			
VIDEO IMAGE				
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile / Main Profile / High Profile			
Resolution	4MP (2592 x 1520), 2K (2560 x 1440), 3MP (2304 x 1296), 1080P (1920 x 1080), 720P (1280 x 720), D1, CIF, 480 x 240, VGA (640 x 480)			
Main Stream	60Hz: 4MP/2K/3MP/1080P/720P (1~30fps); 50Hz: 4MP/3MP/1080P/720P (1~25fps); HFR mode: 1080P/720P (60Hz: 1~60fps / 50Hz: 1~50fps)			
Sub Stream	60Hz: 720P/D1/CIF/VGA (1~30fps); 50Hz: 720P/D1/CIF/VGA (1~25fps)			
Third Stream	60Hz: D1/480x240/CIF (1~30fps); 50Hz: D1/480x240/CIF (1~25fps)			
Video Bit Rate	64 Kbps ~ 8 Mbps (CBR / VBR Adjustable)			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
NETWORK / INTERFACE				
Network	1 x RJ45 10M / 100M Self-Adaptive Ethernet port			
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS			
Interface Protocol	ONVIF (Profile S, G, T, M)			
Web Browser	IE 11 (Plug-in required) / Google Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission			
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP			
Storage	Network remote storage; micro SD card storage			
Video Output	No			
Audio	1CH audio input			
Audio Compression	G711A / U			
Alarm	N/A			
Hardware Reset	Yes			
DORI DISTANCE				
Lens	Detect	Observe	Recognize	Identify
2.8mm	199.11ft (60.69m)	79.65ft (24.28m)	39.82ft (12.14m)	19.91ft (6.07m)
FUNCTIONS				
Remote Monitoring	Web Browser Interface, Mobile App, AVYCON CVMS 2.0			
Smart Alarm	Motion detection, SD card error, SD card full, IP address conflict, cable disconnection			
Smart Analytics	Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/missing object detection, Target counting by line/intrusion area/heat map, exception detection, face detection and face capture			
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature			
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern			
FUNCTION				
Power Supply	DC12V / PoE (IEEE 802.3af)			
Power Consumption	<6W			
Operating Environment	-22°F ~ 140°F (-30°C ~ 60°C) Humidity: less than 95% (non-condensing)			
Storage Environment	-22°F ~ 149°F (-30°C ~ 65°C) Humidity: less than 95% (non-condensing)			
Dimensions (in)	6.52 x 2.71 x 2.71			
Weight (lb)	Approx. 0.94 lbs			
Ingress Protection	IP 67			
Certificate	CE, FCC			
Installation	Ceiling mounting; Wall mounting			
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH (EC1907/2006)			



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