



Bullet Network Camera Series

AVZ-CAB'X'



Features

- SmartStream (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265+ saves 70%-80% bandwidth that of H.264)
- Smart IR II (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- HLC (High Light Compensation. Improving image visibility under strong light sources)
- Supporting ultra-large external microSD/SDHC/SDXC card storage (up to 256G.)
- Onvif Supportable
- POE operated

Technical Specifications

Model- AVZ-CAB'X' 'X'Denotes:-	13HD1- T2M2.7V	13HD1- T4M2.7V	13HD1- T8M2.7V	13HD1- M5M2.7V	13HD1- M5M5.3V	13HD1- M2M2.7V	13HD1- M2M5.3V
Name	2 MP Motorized Bullet Network Camera	4 MP Motorized Bullet Network Camera	8 MP Motorized Bullet network Camera	2 MP Motorized Bullet network Camera	2 MP Motorized bullet network Camera	5MP Motorized Bullet Network Camera	5MP 12X Motorized Bullet Network Camera

Image Sensor	1/ 2.8" CMOS	1/1.8" CMOS	1/ 2.8" CMOS	1/ 2.8" CMOS	1/ 2.8" CMOS	1/ 2.8" CMOS	1/ 2.8" CMOS
IR Distance (Meter)	Upto 80			60	120	60	120
Signal System	PAL/NTSC						
WDR	120dB			140dB Super WDR		120dB Super WDR	
Min Illumination	Color: 0.001Lux @ (F1.6, ACG ON), B/W: 0Lux with IR	Color: 0.0004Lux @ (F1.2, ACG ON), B/W: 0Lux with IR	Color: 0.01Lux@ (F1.6, ACG ON), B/W: 0Lux with IR	Color: 0.002Lux @F1.2, Color: 0.005Lux @F1.4, B/W: 0Lux with IR on	Color: 0.002Lux @F1.2 Color: 0.005Lux @F1.6 B/W: 0Lux with IR on	Color: 0.005Lux @F1.2, Color: 0.008Lux @F1.4, B/W: 0Lux with IR on	Color: 0.005Lux @F1.2, Color: 0.008Lux @F1.6, B/W: 0Lux with IR on
Shutter Time	1/100000s ~ 1s						
Day/Night Mode	Auto Switch						
S/N	≤60dB						
Lens	Motorized 2.7 ~ 13.5mm, F1.6 ~ F3.3, Fixed	Motorized 2.7 ~ 13.5mm, F1.2 ~ F2.7, DC	Motorized 2.7 ~ 13.5mm, F1.6~F3.3, Fixed	Motorized 2.7 ~ 13.5mm @F1.4, P-Iris(Optional)	Motorized 5.3 ~64mm, 12X optical Zoom	Motorized 2.7 ~ 13.5mm @F1.4, P-Iris(Optional)	Motorized 5.3 ~ 4mm, 12X Optical Zoom
Field Of View	H: 101° ~ 25°	H: 114° ~ 49°	H: 102.7° ~ 29°	H: 88°~ 32° V: 49° ~ 18°	H: 61° ~ 5° V: 36° ~ 2°	H: 84°~ 30° V: 62° ~ 22°	H: 57° ~ 4° V: 44° ~ 1°
Mount	φ14						
Focus Control	Auto/Manual						
Iris Control	Auto/Manual						
Max. Image Resolution	1920x1080	2560x1440	3840x2160	1920x1080		2592x1944	

Frame Rate	<p>PAL: 25fps (1920×1080, 1280×720, 704×576, 640×480) NTSC: 30fps (1920×1080, 1280×720, 704×480, 640×480)</p>	<p>PAL: 25fps (2560×1440, 2304×1296), 50fps (1920×1080, 1280×720) NTSC: 30fps (2560×1440, 2304×1296), 60fps (1920×1080, 1280×720)</p>	<p>PAL: 20fps (3840×2160, 3072×2048), 25fps (2560×1440, 2304×1296), 1920×1080, 1280×720) NTSC: 20fps (3840×2160, 3072×2048), 30fps (2560×1440, 2304×1296), 1920×1080, 1280×720</p>	<p>60fps@(1920x1080), 30fps@(1920x1080, 1280x960, 1280x20, 704x576</p>	<p>30fps@(2592x1944), 45fps@(2048x1536), 30fps@(2048x1536, 1920x1080, 1280x960, 1280x720, 704x 20fps@(2592x1944)</p>
Secondary Stream	<p>PAL: 25fps (704×576, 704×288, 640×480, 352×288) NTSC: 30fps (704×480, 704×240, 640×480, 352×240)</p>		<p>30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)</p>		
Tertiary Stream	<p>PAL: 25fps(704x576, 704x288, 352x288) NTSC: 30fps(704x480, 704x240, 352x240)</p>	<p>PAL: 25fps(1280x720, 704x576, 704x288, 640x360, 352x288) NTSC: 30fps(1280x720, 704x480, 704x240, 640x360, 352x240)</p>	<p>30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)</p>		
Video Compression	<p>S+265/H.265/H.264/M-JPEG</p>		<p>H.265+/H.265(HEVC)/H.264+/H.264/MJPEG</p>		

Video Bitrate	32Kbps ~ 16Mbps	16Kbps ~ 16Mbps (CBR/VBR adjustable)
ROI	Up to 8 areas	
Privacy Masking	Up to 8 areas	
Image Setting	Saturation/Brightness/Contrast/Sharpness	
Web Access	Support IE/Firefox/Chrome/	
Ethernet	1 RJ45 10M/ 100M self adaptive Ethernet port	
Audio I/O	1/1	
Alarm I/O	2/1	1/1
Network Storage	Yes but Optional	NAS(Support NFS, SMB/CIFS), ANR (auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Avazonic ANR NVR)
Network Protocols	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, UPnP, Bonjour, SIP, SNMP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC	G.711/AAC/G.722/G.726
Audio Sampling Rate	8/16/32/44.1/48KHz	
Audio Bit Rate	8K ~ 48Kbps	16 ~ 256kbps
Two-way Audio	Support (Optional)	
Storage	Built-in Micro SD card slot, up to 512 GB	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
Advance Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
SIP/VOIP Support	Yes, Voice & Video-over-IP (Optional)	
Event	Event Input, Event Output, Motion Detection, Disk Full, Disk R/W Error,	

Trigger	IP Address Conflict, MAC Address Conflict, Network Disconnection, etc						
Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.						
Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed						
System Compatibility	ONVIF Profile G & Q & S & T						
Working Temperature	(-)35°C ~ 65°C			(-)40°C ~ 60°C			
Work Humidity	0 ~ 95%			0 ~ 90%(Non-condensing)			
Power Supply	DC12V±25%/PoE			PoE(802.3af)/DC 12V±10%			
Power Consumption	MAX: 8.5W (12V) MAX: 10W (PoE)	MAX: 10W (12V) MAX: 11W (PoE)	MAX: 8.5W (12V) MAX: 10W (PoE)	8W MAX, 11.5W MAX (With IR on)	5.5W MAX, 11W MAX (With IR on)	8.5W MAX, 12W MAX (With IR on)	5.5W MAX, 11W MAX (With IR on)
Weather Proof	Up to IP67-rated for weather-resistant performance						
Dimensions	264.3×95×83.2mm	330×114×107mm	264.3×95×83.2mm	134mm×126mm×285mm	134mm×126mm×285mm	134mm×126mm×285mm	134mm×126mm×285mm
Housing	Vandal-proof IK10-rated metal housing						
Weight	1150g	1500g	1150g	825g	1080g	825g	1080g

Optional Accessories :



Pole Mount Bracket



Integral Junction Box

*The images used are indicative and Technical Specifications & Shape can change without any prior notice.

Revision-2



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