



VALUE

Value Color Enhance Bullet

5MP/8MP Active Deterrence Bullet Network Camera

AI Video Analytics

Real-time High Definition Camera Using the state of art video compression engine, real time HD video streams of 1080i/720p can be delivered for recording and monitoring. As a result, ultimate low speed without fluctuations as well as ultra high speed without jerks can be obtained.

Triple codec, Simultaneous Multi Streaming

Triple codec, Simultaneous Multi Streaming Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to monitor video remotely using H.265 and transmit to Network Video Recorder as well.

Day & Night by ICR

Day & Night by ICR For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengaged from image path automatically in the low light environment.

°90 Tilting

°90 Tilting The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. various applications, this provides more choices and options in installation.

FEATURES

- High quality imaging with 5/8MP resolution ;
- 1/2.8" SONY Starvis Back-illuminated CMOS Sensor;
- Support H.264/H.264+/H.265/H.265+/JPEG/AVI Compression ;
- Support Warm light LED 4000K and red & blue strobe light;
- Housing: Metal, IP67



TECHNICAL SPECIFICATION

CAMERA

	AX-V520-DB 5MP	AX-V820-DB 8MP
Image Sensor	1/2.8" SONY Starvis Back-illuminated CMOS sensor.	1/2.8" SONY Starvis Back-illuminated CMOS sensor.
Resolution	5MP 1080P	8MP 1080P
Effective Pixels	2616(H)*1964(V)	3864(H)*2192(V)
Compression	H.264/H.264+/H.265/H.265+/JPEG/AVI	
TV System	PAL/NTSC	
Electronic Shutter Time	Auto: 1/3-1/100000Sec	
Minimum Illumination	Color: 0.006 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux@(F1.6, AGC ON), 0 Lux white light, B/W: 0 Lux with IR
S/N Ratio	60dB	
Scanning System	Progressive	
Video Output	Network	
Reset Button	Optional	Support

LENS

Focus Length	2.8 mm, horizontal FOV 106°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 80°, vertical FOV 56°, diagonal FOV 107°	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional	
Focus Control	Fixed	
Pixels	5MP	8MP

NIGHT VISION

Infrared LED	42μ x 2PCS, Support Warm light LED 4000K, up to 30m, 42μ x 2PCS IR LED	
Infrared Distance	IR 25m, Warm light 20m	IR 50m, Warm light 40m
IR Status	Auto Control	
IR Power On	Smart, Manual & Timed mode	

NETWORK

Ethernet	RJ-45 (10/100Base-T)	
Wireless	N/A	
Protocol	TCP/IP, IPv4/v6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, NTP, SMTP, UDP, SNMP, Qos, 802.1x	
ONVIF	Support ONVIF 19.12(Profile S/T/G)	Support ONVIF 19.12(Profile S/T/G)
P2P	YES	
POE	Optional, Support IEEE 802.3af	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	30@2592*1944fps	30@3840*2160fps
Main Stream 2	30@2560*1440fps	30@2560*1440fps
Main Stream 3	30@1920*1080fps	30@1920*1080fps
Sub Stream 1	30@1280*720fps	30@1280*720fps
Sub Stream 2	30@720*480fps	30@720*480fps
Sub Stream 3	N/A	
Tri Stream	N/A	
IE Brower	IE11-8, Google Chrome, Firefox, Mac Safari	
Smart Phone	iPhone, Android	

TECHNICAL SPECIFICATION

AI FUNCTION

Intelligent Analysis	Intrusion Detetion(based on human and Vehicle Detection), Line Cross Detetion(based on human and Vehicle Detection), Loiter Detetion(based on human detection), People Gather Detecion(based on human detection), Motion detection based on human detection, Enter Area(based on human and Vehicle Detection), Leave Area(based on human and vehicle Detection)
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INTERFACE

Audio	Built in Mic and Speaker(Support optional add Audio Line IN)	
Alarm	1ch Alarm In/1ch Alarm Out	
SD Card Slot	External, Support Max 1TB	External, Support Max 1TB
RS485	N/A	

CAMERA FEATURES

Day/Night	Color/ B&W (IR-CUT)	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, Anti Flicker, Video Tampering,HLC	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, Anti Flicker, Video Tampering,HLC
Full Color	Support	
Corridor Pattern	Support	Support
Defog Mode	N/A	
ROI	Support	Support
BLC	Support	
WDR	Support	
Motion Detection	Support(support enable the detection based on human movement only)	
Privacy Masking	3 Rectangular Zone	
Recording Mode	NVR/CMS/Web	
Language	English, Bulgarian, Polish, Arabic, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands,Czech, Vietnamese & Chinese	

GENERAL

Housing	Metal , IP67
Anti-cut Bracket	NO
IR Cut Filter	YES
Operation Temperature	-30° ~ +60° RH95% Max
Storage Temperature	-20° ~ +60° RH95% Max
Power Source	DC12V700 ,%10±mA, 350mA
Dimensions	95 x 88 x 268 mm
Weight	1.285kg (with color box)

