



VALUE 

Value Fix Dome

**2MP / 4MP / 5MP / 8MP
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 2MP / 4MP / 5MP / 8MP resolution ;
- 1/2.8" SONY Starvis Back-illuminated CMOS sensor;
- Support H.264/H.264+/H.265/H.265+/JPEG/AVI Compression ;
- Minimum Illumination : 0.006Lux, Infrared Distance : 60m ;
- Support WDR;
- Housing:Cover:Plastic Main Body:Metal , IP67



VALUE SERIES

TECHNICAL SPECIFICATION

CAMERA

	AX-V229-VFD AX-V229M-VFD (2MP)	AX-V430-VFD (4MP)	AX-V528-VFD (5MP)	AX-V828-VFD (8MP)
Image Sensor	1/2.9" 1.3" Progressive Scan CMOS Sensor		1/2.8" SONY Starvis Back-illuminated CMOS sensor.	
Resolution	2MP	4MP	5MP	8MP
Effective Pixels	1920(H)*1080(V)	2560(H)*1440(V)	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: 0.008 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR			
S/N Ratio	60dB			
Scanning System	Progressive			
Video Output	Network			
Reset Button	Support			

LENS

	2.8 mm, H 105°, V 56°, D 125° 4 mm, H 84°, V 43°, D 100° 6 mm, H 52°, V 28°, D 61°	2.8 mm, H 103°, V 55°, D 122° 4 mm, H 81°, V 41°, D 96° 6 mm, H 50°, V 27°, D 59°	2.8 mm, H 106°, V 56°, D 127° 4 mm, H 80°, V 56°, D 107° 6 mm, H 54°, V 29°, D 62°	2.8 mm, H 96°, V 52°, D 114° 4 mm, H 84°, V 48°, D 97° 6 mm, H 53°, V 30°, D 60°
Focal Length & FOV				
Focus Control	Fixed			
Lens Type	Fixed focal lens, 2.8, 4, and 6 mm optional			
Pixels	2MP	4MP	5MP	8MP

NIGHT VISION

Infrared LED	42μ x 6PCS, Support Warm light LED 4000K, up to 25m, 42μ x 2PCS IR LED
Infrared Distance	IR 25m, Warm light 25m
IR Status	Auto Control
IR Power On	Smart, Manual & Timed mode

NETWORK

Ethernet	RJ10/100) 45-Base-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@2304*1296fps	30@2688*1512fps	30@2592*1944fps	20@3840*2160fps
Main Stream 2	30@1920*1080fps	30@2560*1440fps	30@2560*1440fps	20@2560*1440fps
Main Stream 3	30@1280*720fps	30@1920*1080fps	30@1920*1080fps	20@1920*1080fps
Sub Stream 1	30@1280*720fps	30@1280*720fps	30@1280*720fps	20@1280*720fps
Sub Stream 2	30@720*480fps	30@720*480fps	30@720*480fps	20@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	Optional Audio IN/OUT		
Alarm	NA		
SD Card Slot	Optional Internal, Support Max 512GB	External, Support Max 1TB	
RS485	NA		

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, Distortion		Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, Anti Flicker, Video Tampering,HLC	
Full Color	NA			
Corridor Pattern	NA	Support	Support	Support
Defog Mode	Support	Support	NA	NA
ROI	Support		Support	
BLC	Support			
WDR	DWDR		Support	
Motion Detection	Support(support enable the detection based on human movement only)			
Privacy Masking	3Rectangular 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	-20° ~ +60° RH95% Max
Storage Temperature	-20° ~ +60° RH95% Max
Power Source	DC12V700 ,%10±mA, 700mA
Dimensions	∅ 96 x 91(H) mm
Weight	600g