



VALUE

Value Fix Dome

2MP/4MP/5MP/8MP Fixed Dome 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. For various applications, this provides more choices and options in installation.

FEATURES

- High quality imaging Upto 8MP resolution.
- 2.8/1" SONY Rockchip Back-illuminated CMOS sensor.
- 0.006Lux, Infrared Distance : 30m
- Intrusion Detetion, Line Cross Detetion, Loiter Detetion, People Gather Detetion, Motion detection.
- Support WDR: 120dB
- Housing: Metal , IP67



TECHNICAL SPECIFICATION

CAMERA

	AX-V-229VFD (2MP)	AX-V229M-VFD (2MP)	AX-V-430VFD (4MP)
Image Sensor	2.9/1" Progressive Scan CMOS Sensor		3/1" Progressive Scan CMOS Sensor
Resolution	2MP 1080P		4MP
Effective Pixels	1920(H)*1080(V)		2560(H)*1440(V)
Compression	H.264/H.+264/H.265/H.+265/JPEG/AVI		
TV System	PAL/NTSC		
Electronic Shutter Time	Auto: PAL 10000/1-25/1Sec; NTSC 10000/1-30/1Sec		
Minimum Illumination	0.01Lux		
S/N Ratio	60dB		
Scanning System	Progressive		
Video Output	Network		
Reset Button	Optional		

LENS

Focus Length	3.6mm		
Focus Control	Fixed		
Lens Type	Fixed		
Pixels	2MP		4MP

NIGHT VISION

Infrared LED	42μ x 2PCS		
Infrared Distance	30M		
IR Status	Auto Control		
IR Power On	Smart, Manual & Timed mode		

NETWORK

Ethernet	RJ100/10) 45-Base-T)		
Wireless	N/A		
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP, UDP		
ONVIF	Support ONVIF 2.4(Profile S/T/G)	Support ONVIF 19.12(Profile S/T/G)	Support ONVIF 2.4(Profile S/T/G)
P2P	YES		
POE	Optional, Support IEEE 802.3af		
Video Delay	0.3S (Within the Lan)		
Main Stream 1	30@1296*2304fps	30@1080*1920fps	20@1512*2688fps
Main Stream 2	30@1080*1920fps	30@720*1280fps	30@1440*2560fps
Main Stream 3	30@720*1280fp	N/A	30@1080*1920fps 30@720*1280fps
Sub Stream 1	30@720*1280fps	30@480*720fps	30@720*1280fps
Sub Stream 2	30@480*720fps	30@288*352fps	30@480*720fps
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	Intrusion Detetion,motion detection based on human detection	Intrusion Detetion
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INTERFACE

Audio	Optional 1 Built-in MIC		
Alarm	N/A		
SD Card Slot	N/A	Optional Internal, Support Max 512GB	N/A
RS485	N/A		

CAMERA FEATURES

Day/Night	Color/ B&W (IR-CUT)		
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control), Video Tampering, HLC, Distortion	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control), Video Tampering, HLC, Distortion
Full Color	N/A		
Corridor Pattern	N/A		Support
Defog Mode	Support		
ROI	Support	N/A	Support
BLC	Support		
WDR	DWDR: 50dB		
Motion Detection	Support		
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	-20°C ~ +60°C RH%95 Max
Storage Temperature	-20°C ~ +60°C RH%95 Max
Power Source	DC12V700 ,%10±mA
Dimensions	Ø96 x 91(H) mm
Weight	600g



VALUE SERIES

TECHNICAL SPECIFICATION

CAMERA

	AX-V-528VFD (5MP)	AX-V-827VFD (8MP)
Image Sensor	2.8/1" SONY Starvis Back-illuminated CMOS sensor	2.7/1" SmartSens CMOS sensor
Resolution	5MP	8MP
Effective Pixels	2616 (H)*1964 (V)	3872(H)*2180(V)
Compression	H.264/H.265/JPEG/AVI	H.264/H.+264/H.265/H.+265/JPEG/AVI
Audio Compression	G711A/U	
TV System	PAL/NTSC	
Electronic Shutter Time	Auto: 100000/1-3/1Sec	Auto: PAL 10000/1-25/1Sec; NTSC 10000/1-30/1Sec
Minimum Illumination	Color: 0.006 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR	0.01Lux
S/N Ratio	≥52dB	
Scanning System	Progressive	
Video Output	Network	
Reset Button	Optional	

LENS

Focus Length	3.6mm	
Focus Control	Fixed	
Lens Type	Fixed	
Pixels	4MP	8MP

NIGHT VISION

Infrared LED	42μ x 2PCS	
Infrared Distance	30M	
IR Status	Auto Control	
IR Power On	Smart, Manual & Timed mode	Manual & Timed mode

NETWORK

Ethernet	RJ100/10) 45-Base-T)	
Wireless	N/A	
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP, UDP	
ONVIF	Support ONVIF 19.12(Profile S/T/G)	Support ONVIF 2.4(Profile S/T/G)
P2P	YES	YES, Support QR Code
POE	Internal, Support IEEE 802.3af	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	30@1944*2592fp	20@2160*3840fps
Main Stream 2	30@1440*2560fp	20@1536*2592fps, 20@1440*2560fps
Main Stream 3	30@1080*1920fps, 30@720*1280fps	20@1080*1920fps, 20@720*1280fps
Sub Stream 1	30@720*1280fps	20@720*1280fps
Sub Stream 2	30@480*720fps	20@480*720fps
Sub Stream 3	N/A	
Tri Stream	20@720*1280fps, 20@480*720fps	
IE Brower	IE11-8, Google Chrome, Firefox , Mac Safari	
Smart Phone	iPhone, Android	iPhone, iPad, Android, Android Pad

TECHNICAL SPECIFICATION

AI FUNCTION

Intelligent Analysis	Intrusion Detetion, Line Cross Detetion, Loiter Detetion, People Gather Detecion(based on human detetion), Motion detetion based on human detetion	N/A
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INTERFACE

Audio	Optional 1 Built-in MIC
Alarm	N/A
SD Card Slot	Optional Internal, Support Max 512GB
RS485	N/A

CAMERA FEATURES

Day/Night	Color/ B&W (IR-CUT)	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control),HLC	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control), Video Tampering, HLC, Distortion
Full Color	N/A	
Corridor Pattern	Support	
Defog Mode	N/A	Support
ROI	Support	
BLC	Support	
WDR	120dB	HDR: 120dB
Motion Detection	Support (support enable the detetion 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	-20°C ~ +60°C RH%95 Max	
Storage Temperature	-20°C ~ +60°C RH%95 Max	
Power Source	DC12V700 ,%10±mA	DC12V750 ,%10±mA
Dimensions	Ø96 x 91(H) mm	
Weight	600g	

