ACTIVX™
by Microlink

TAA NDAA COMPLIANT

VALUE

Value IP Box

4MP/8MP Box IP Cameras

4 Signals over 1 Coaxial Cable

HD-over-Coax technology supports 4 signals to be transmitted over 1 coaxial cable simultaneously, i.e. video, audio*, data and power. Dual-way data transmission allows the HD-over-Coax camera to interact with the HCVR, such as sending control signal or triggering alarm. Moreover, HD-over-Coax technology supports PoC for construction flexibility.

Long Distance Transmission

HD-over-Coax technology guarantees real-time transmission at long distance without any loss. It supports up to 800m(1080P)/1200m(720P) trans mission via coaxial cable, and up to 300m(1080P)/450m(720P) via UTP cable.

Smart IR

The camera is designed with microcrystalline LED IR illumination for best lowlight performance. Smart IR is a technology to ensure brightness uniformity in B/W image under low illumination. The unique Smart IR adjusts to the intensity of camera's infrared LEDs to compensate for the distance of an object, and prevents IR LEDs from overexposing images as the object come closer to the camera.

Multi-formats

The camera supports multiple video formats including HDCVI, CVBS and other two common HD analog formats in the market. The four formats can be switched over through OSD menu or by PFM820(UTC controller). This feature makes the camera to be compatible with not only HCVRs but also most end users' existing HD/SD DVRs.

FEATURES

- High quality imaging with 8MP resolution.
- 2.8/1"SONY Starvis Back-illuminated CMOS sensor.
- H.264/H.+264/H.265/H.+265/JPEG/AVI /MJPEG Compression.
- C/CS Mount.
- Support HDR: 120dB.
- Housing: Metal.

HD | **AI** | **H.+265 HEVC** | **WDR** | **IR** | **IP67**

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VALUE SERIES ⚙

TECHNICAL SPECIFICATION

CAMERA

	AX-V-428VBC (4MP)	AX-V-828VBC (8MP)
Image Sensor	2.8/1" SONY Starvis Back-illuminated CMOS sensor	
Resolution	4MP	8MP
Effective Pixels	2616 (H)*1964 (V)	3864(H)*2192(V)
Compression	H.264/H.+264/H.265/H.+265/JPEG/AVI /MJPEG	H.264/H.+264/H.265/H.+265/JPEG/AVI /MJPEG
Audio Compression	N/A	G711A/U,AAC
TV System	PAL/NTSC	
Electronic Shutter	Auto: PAL 10000/1-25/1Sec; NTSC 10000/1-30/1Sec	Auto: PAL 10000/1-25/1Sec; NTSC 10000/1-30/1Sec
Minimun Illumination	0.01Lux	Color: 0.01 lux@F1.6, AGC ON
S/N Ratio	≥52dB	
Scanning System	Progressive Scan	
Video Output	Network	
Reset Button	Optional	

LENS

Focus Length	N/A	
Focus Control	N/A	
Lens Type	C/CS Mount	
Pixels	N/A	

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, SNMP	
ONVIF	Support ONVIF 19.12(Profile S/T/G)	
P2P	YES, Support QR Code	YES
POE	Internal, Support IEEE 802.3af	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	30@1944*2592fp	30@2160*3840fps, 30@2048*3072fps
Main Stream 2	30@1440*2560fp	30@1536*2592fps, 30@1440*2560fps
Main Stream 3	30@1080*1920fps, 30@720*1280fps	30@1080*1920fps, 30@720*1280fps
Sub Stream 1	30@720*1280fps, 30@480*720fps	30@720*1280fps
Sub Stream 2	30@288*352fps	30@480*720fps
Sub Stream 3	N/A	30@288*352fps
Main Stream 1	30@720*1280fps, 30@480*720fps 30@288*352fps	30@720*1280fps,30@480*720fps 30@288*352fps
IE Brower	IE11-8, Google Chrome, Firefox , Mac Safari	
Smart Phone	iPhone, iPad, Android, Android Pad	

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TECHNICAL SPECIFICATION

Night Vision

Infrared LED	N/A
Infrared Distance	N/A
IR Status	N/A
IR Power On	N/A

AI Function

Intelligent Analysis	Face Detection, Intrusion Detetion, Line Cross Detetion, Loiter Detetion, People Gather Detecion, motion detection based on human detection

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
Full Color	N/A
Corridor Pattern	Support
Defog Mode	Support
ROI	Support
BLC	Support
WDR	HDR: 120dB
Motion Detection	Support
Privacy Masking	3 Rectangular Zone
Recording Mode	NVR/CMS/Web
Language	Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Arabic, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands,Czech, Vietnamese

Interface

Audio	Audio IN/OUT
Alarm	1ch Alarm In/1ch Alarm Out
SD Card Slot	External, Support Max 512GB,Built in 4G Storage
RS485	Support

GENERAL

Housing	Metal
Anti-cut Bracket	No
Operation Temperature	-20℃ ~ +60℃ RH%95 Max
Storage Temperature	-20℃ ~ +60℃ RH%95 Max
Power Source	DC12V550 ,%10±mA
Dimension	148(W)x79(H)x57(D)mm
Weight	585g

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