



Ax62V IP Vari-focal i3 Part# C-Ax62V



Features

- Full HD 1080p Image
- Digital D/N
- Digital Wide Dynamic Range
- H.264 / MJPEG Camera Compression
- Wire management
- Flush-mountable, Pendant cap included to standard 3/4" fitting
- Versatile design for installation in all outdoor and Indoor environments

Application & Benefits

i3 newly designed Ax62 series 3 megapixel IP dome provides the crystal-clear 16:9 full HD video for outdoor and indoor applications in both day and night. Utilizing the latest technology, the Annexus 62 series employs a 1/3" HD CMOS sensor providing excellent high definition picture quality with superb high sensitivity mode capabilities. Incorporated within the module are a host of security orientated features, including Wide Dynamic Range Technology, Day/Night function and unique digital noise reduction.

In addition, the camera includes other key features such as H.264 compression standard. H.264 greatly reduces the size of video compared to MJPEG and MPEG4 without compromising image quality. Storage and bandwidth needs are reduced. The Ax62 series was designed to save installation time, as mounting adapters for various environments are no longer needed. Rich with practical enhancements, the Ax62 is ideal for a wide variety of security applications including retail, schools and commercial property.

- Easily accessible convenient control of OSD menu system and features
- Video patch lead enables local image verification on a portable monitor
- Pan-Tilt-Twist (3-axis) gimbal enables installers to correct off-center images for properly centered images even along walls
- Conduit and electrical gang box compatible for easy installations
- Vandal-resistant housing



International Standards
Organization Registered Firm
ISO 9001 Quality System

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For design help, accessories or pricing, please contact:
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Image System	
Image Sensor	CMOS 1/3" AR0330
Video Streaming and Compression Method	Triple Streaming: H.264 / Motion JPEG
Maximum Framerate vs Resolution	NTSC : 1080P (1920x1080) @ 30 fps ; 3M (2048x1536) @ 15 fps PAL : 1080P (1920x1080) @ 25 fps ; 3M (2048x1536) @ 12 fps
Resolutions	QXGA(2048x1536), 2304x1296, 1080P(1920x1080), SXGA(1280x960), 720P(1280x720), SVGA(800x600), VGA(640x480), D1(NTSC:720x480 / PAL:720x576), 4CIF(NTSC: 704x480 / PAL: 704x576), CIF(NTSC: 352x240 / PAL: 352x288)
Lens	F1.2-2.1, f=3-9mm
View Angle	V: 19degree (Tele) ~ 52degree (Wide) / H: 33degree (Tele) ~ 96degree (Wide)
Day/Night Mode	Mechanical ICR
Auto Iris Control	DC Iris
Angular DOF Range	Pan:350, Tilt:0-60, Rotation:360
FOV 2048x1536	H:T30/W85, V:T22/W62, D:T36/W109
FOV 2304x1296	H:T33/W96, V:T19/W52, D:T37/W113
Electric	
Shutter Time	1/30~ 1/8000 sec. (NTSC); 1/25 ~ 1/8000 sec. (PAL)
Minimum Illumination	F:1.2, CL: 0.4 lux / BW: 0.2 lux @ 50 IRE
S/N ratio	50dB (AGC off)
Gain control	Off/ On, selectable
White balance	ATW(2800K-8500K) /Manual
Image Enhancements	Backlight Compensation: Off / On (6 Area selectable); Exposure Mode: Auto/Manual; Sharpness, Saturation, Brightness, Contrast, Hue; Noise Reduction; WDR: Digital WDR. Off/High/Mid/Low; Digital Noise Reduction: 3D
Other Features	
Privacy Zone	Yes
Gamma correction	0.45
Motion Detection	Yes
Image Orientation	Mirror, Flip
Other	System Log, FTP Record, Email Notification, User Management
Network Specifications	
Network protocols	IPv4, HTTP/HTTPS, TCP, RTSP/RTCP/RTP, ICMP, UDP, IGMP, DNS, DHCP, ARP, NTP, SNMP, UPnP, SMTP
Security Access	user access levels with password protection. 1 Administrator, 5 Viewers
Web browsing requirements	Internet Explorer 8.0 or above
Mechanism	
Weight	approx. 1074g (2.36 lb)
Connectors	Network: RJ45 (Female) w/ Network LED indicator; Buttons: Reset, Default (On top); Video output Switch (On Top)
Dimensions	140 mm x 132 mm (5 1/2" x 5 1/4")
Video Port/Output	1 x Inside Service Port with 2 pin connector, 1.0Vp-p, 75 1 x BNC Output, 1.0Vp-p, 75
Power Supply	
Power Requirement	PoE IEEE 802.3af Class 0
Power Consumption (max.)	7.0W
Environment	
Operating temperature	-10degreeC ~ 50degreeC (14degreeF ~ 122degreeF)
Operating humidity	10~ 90% RH
Storage temperature	-20degreeC ~ 60degreeC (-4degreeF ~ 140degreeF)
Storage humidity	90%, non-condensing
Regulations, Ratings	
Protection Class	CE, FCC Class B, ONVIF, IP67

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