



Ax61D8 3MP Fixed lens 8mm Indoor Dome

i3 Part# C-Ax61D8



Features

- 3MP, Fixed lens 8mm
- 1/3" AR0330 CMOS
- DC Iris
- Digital D/N
- DNR

Application & Benefits

The Ax61D series 3MP fixed dome IP camera comes in 3 models: Ax61D2 / Ax61D4 / Ax61D8. Ax61D series provides 2.8, 3.6, and 8.0 mm fixed lens focus ready for a simple installation. Ax61D series is a 3 Megapixel IP fixed dome camera with a QXGA format (2048 x 1536 resolution).

The Ax61D cameras series feature the same housing as i3's popular Di721 series analog dome cameras. For current installations that already use a CAT-5e cable, Ax61D series cameras will provide a very simple installation with very little added labor costs.

For live recording at 30 frames per second, the camera provides an easy option of reducing the 3 Megapixel resolution down to 2 megapixel. In addition, the Ax61D series supports MJPEG compression, which provides flexibility to meet various system requirements as well as H.264 compression allowing the video to transfer quicker over the Internet.

Built-in support for Power-over-Ethernet reduces cost and adds flexibility to the camera with only 7 Watts of power consumption. Utilizing any of i3 Cortex network switches, the Ax61D series deliver great images. A single cable connection is used to view, power, and control the camera. Installation cost is reduced since there is no need for separate cable installation. The Ax61D series come with Digital WDR and Back Light Compensation features - two of the main requirements for installations in the environments with the fluctuating levels of light.

The Ax61D series are ideally suited for use within the video surveillance and security industry. It is made for both indoor and environments and works well with i3 software applications: SRX-Pro, iDisplay, Video Pilot and VideoLogix.



International Standards
Organization Registered Firm
ISO 9001 Quality System

CANADA | 780 Birchmount Road, Unit 16, Scarborough, ON, M1K 5H4
USA | 1967 Wehrle Drive, Suite 1 Williamsville, NY, 14221

1.866.840.0004

www.i3international.com

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For design help, accessories or pricing, please contact:
sales@avsupply.com or call: 1-858-565-1101

AUDIO VIDEO SUPPLY

1-800-284-2288 sales@avsupply.com
www.avsupply.com

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Indoor Dome

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Image system	
Image sensor	1/3" CMOS
Optical system	
Auto iris control	N/A
Lens	F1.8, f=8.0mm
Angle of view	V: 20o, H: 36o
Day / Night	Digital D/N
Angular DOF Range	Pan:350, Tilt:0~60, Rotation:360
FOV 2048x1536	H:33, V:24, D:41
FOV 2304x1296	H:37, V:20, D:42
Electric	
Digital noise reduction	3D
Gamma correction	0.45
Minimum illumination	0.2Lux
S/N ratio	50dB (AGC off)
Gain control	Off/ On, selectable
White balance	ATW(2800K~8500K) /Manual
Electric shutter	1/30~ 1/8000 sec. (NTSC); 1/25 ~ 1/8000 sec. (PAL)
Video Output	1 x Inside 2 pin connector, 1.25mm wafer, 1.0Vp-p, 75Ω for Service 1 x BNC Cable (cable length: 30 or 10mm)
Network Specifications	
Video compress	H.264 / MJPEG
Video streaming	Triple streaming
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)
Network protocols	IPv4, HTTP/HTTPS, TCP, RTSP/RTCP/RTP, ICMP, UDP, IGMP, DNS, DHCP, ARP, NTP, SNMP, UPnP, SMTP
Slow shutter	Yes
WDR	Digital WDR
Back light compensation	Off/ On (6 Area selectable)
Privacy zone	Yes
Motion detection	Yes
Security Access	Multiple user access levels with password protection
Users	1 Administrator, 5 Viewers
Applications	SDK / IP Finder
ONVIF	ONVIF compliance test tool pass
Web browsing requirements	Internet Explorer 8.0 or above
Mechanism	
Dimensions	140 x 132 mm
Weight	approx. 632g
Connectors	Network: RJ45 (Female) w/ Network LED indicator Buttons: Reset, Default (On top) Video output Switch (On Top)
Power Supply	
Power requirement	PoE IEEE 802.3af Class 0
Power consumption	7.0W
Environment	
Operating temperature	-10C ~ 50C
Operating humidity	10~ 90% RH
Storage temperature	-20C ~ 60C (-4F ~ 140F)
Storage humidity	90%, non-condensing
Safety Regulation	
Protection Class	CE, FCC, Class B, ONVIF

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