



## Ax61D4 3MP Fixed lens 4mm Indoor Dome

i3 Part# C-Ax61D4



### Features

- 3MP, Fixed lens 4mm
- 1/3" AR0330 CMOS
- DC Iris
- Digital D/N
- DNR

### Application & Benefits

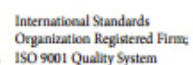
The Ax61D series 3MP fixed dome IP camera comes in 3 models: Ax61D2 / Ax61D4 / Ax61D8. Ax61D series provides 2.8, 3.6, and 8.0 mm fixed lens focus ready for a simple installation. Ax61D series is a 3 Megapixel IP fixed dome camera with a QXGA format (2048 x 1536 resolution).

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.



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:  
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|                                  |  |
|----------------------------------|--|
| <b>Image system</b>              |  |
| Image sensor                     | 1/3" CMOS  |
| <b>Optical system</b>            |  |
| Auto iris control                | N/A  |
| Lens                             | F1.8, f=4.2mm  |
| Angle of view                    | V: 38o, H: 71o   |
| Day / Night                      | Digital D/N  |
| Angular DOF Range                | Pan: 350, Tilt: 0-60, Rotation: 360  |
| FOV 2048x1536                    | H: 65, V: 47, D: 83  |
| FOV 2304x1296                    | H:74, V:39, D:87   |
| <b>Electric</b>                  |  |
| 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, 75? for Service 1 x BNC Cable (cable length: 30 or 10mm)  |
| <b>Network Specifications</b>    |  |
| 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   |
| <b>Mechanism</b>                 |  |
| 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)  |
| <b>Power Supply</b>              |  |
| Power requirement                | PoE IEEE 802.3af Class 0   |
| Power consumption                | 7.0W   |
| <b>Environment</b>               |  |
| Operating temperature            | -10C ~ 50C   |
| Operating humidity               | 10- 90% RH   |
| Storage temperature              | -20C ~ 60C (-4F ~ 140 F)   |
| Storage humidity                 | 90%, non-condensing  |
| <b>Safety Regulation</b>         |  |
| Protection Class                 | CE, FCC, Class B, ONVIF  |

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