## Features

- Delivers 1 Megapixel resolution (1280x780) at 30 frames per second
- 8mm fixed lens
- PoE
- H264-MJPEG
- IP66
- A low profile IP camera, only 46 mm (1.8 inches) in height

## Application & Benefits

The Ax40W48 provides 8mm fixed lens focus ready for a simple installation. Ax40W series camera offers 720P, a progressive HDTV signal format with 720 horizontal lines and an aspect ratio of 16:9.

The Ax40W series is a low profile IP camera, only 46 mm (1.8 inches) in height which makes it very effective for discreet security installations. This camera series delivers 1 Megapixel resolution (1280x780) at 30 frames per second. In addition, the Ax40W 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. A single cable connection is used to power, view, and control the camera. Installation cost is reduced since there is no need for separate cable installation. A 12 VDC is also available for installations that may require separate power.

The Ax40W is 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.

## Recommended Products

DB60
DB60 Wallmount Goose Neck Camera Bracket

DB60CPM
DB60CPM Corner / Pole Mount Bracket

International Standards Organization Registered Firm; ISO 9001 Quality System

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| **Image System** | |
|---|---|
| Image Sensor | CMOS 1/4? OV9715 |
| Video Streaming and Compression Method | Triple Streaming: H.264 / Motion JPEG |
| Maximum Framerate vs Resolution | NTSC: 720P (1280x720) @ 30 fps; PAL: 720P (1280x720) @ 25 fps |
| Resolutions | 720P(1280x720), SVGA(800x600), VGA(640x480), D1(NTSC:720x480 / PAL:720x576), 4CIF(NTSC: 704x480 / PAL: 704x576), CIF(NTSC: 352x240 / PAL: 352x288) |
| Lens | Built-in Fixed Lens f=8mm, F1.8 |
| Day/Night Mode | Digital D/N |
| View Angle | 16.5 degree (H), 29.5 degree (V) |
| Angular DOF Range | Pan:+-20, Tilt:0~110, Rotation:360 |
| FOV 1280x720 | H:28, V:16, D:31 |
| **Electric** | |
| Shutter Time | 1/30~ 1/8000 sec. (NTSC); 1/25 ~ 1/8000 sec. (PAL) |
| Minimum Illumination | 0.15Lux |
| 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 | Two user access levels with password protection. 1 Administrator, 5 Viewers |
| Web Browsing Requirements | Internet Explorer 8.0 or above |
| **Mechanism** | |
| Dimensions | 110 mm x 46 mm (H) (4.33inch x 1.8inch (H)) |
| Weight | approx. 340g (0.75lb) |
| Connectors | Network: RJ45 (Female); Buttons: Reset, Default (On top) |
| Video Port/Output | 1 x Inside Service Port with 2 pin connector, 1.0Vp-p, 75 |
| **Power Supply** | |
| Power Requirement | PoE IEEE 802.3af Class 0, DC 12V |
| Power Consumption (max.) | 6.6W |
| **Environment** | |
| Operating Temperature | -10 C degrees - 40 C degrees (14 F degrees - 104 F degrees) |
| Operating Humidity | 10~ 90% RH |
| **Regulations, Ratings** | |
| Protection Class | CE, FCC, Class B, ONVIF, IP66, UL (if used indoors) |

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