



e-Watch®

CAM-301-Q



Half Dome Daylight Camera

Part of the e-Watch® Situational Awareness System

Processing power. Multicast. Flexibility. Wireless. Not terms you normally hear when discussing surveillance cameras. But with the e-Watch® family of cameras, you get all of these and more.

Not the average surveillance camera

What makes the e-Watch cameras different from other surveillance cameras are the processing power and flexibility built into the cameras themselves. For example, rather than feeding either NTSC or digital video back to a single point for distribution, e-Watch cameras actually perform the analog-to-digital conversion, compress the video on board, and send multiple simultaneous video streams onto the network for viewing and archiving. As well as providing IP video onto your network, the cameras are "smart" — they allow for internal motion detection and support Activity Gated Storage™ to reduce overall storage requirements and significantly reduce the time it takes to recreate an event.

Viewing flexibility

Users on any system have varying requirements for video. Local users may need to see high-resolution full-motion video. Remote users may need full-motion video, but at a lower bandwidth. And, both users need to view at the same time. With e-Watch cameras, that's easy. e-Watch administrators can configure the cameras to best meet the needs of their individual installations and can choose one or all of the following simultaneous video options:

1. High-resolution full-motion video (900 kbps)
2. Quarter-resolution full-motion video (110 kbps), or
Quarter-resolution MJPEG (variable)
3. JPEG stills for archive (variable)

Each stream can be turned on or off to suit the viewing/archiving requirements at your site. Motion video streams are sent using Multicast, lowering overall bandwidth requirements because the camera produces a single output stream in each format no matter how many people want to view the video. Still images are archived utilizing a TCP socket connection to the e-Watch server. Bottom line? Both local and remote viewers can see the appropriate video stream without conflict or an increase in bandwidth output from the cameras — a totally non-blocked architecture for your system.

Multicast and Unicast video

Support for in-line power via CAT5

Industry standard compression formats - JPEG, MJPEG and MPEG

Integrated 18x motorized zoom

Variable focus

Auto iris control

Static or dynamic IP addressing

10/100 Ethernet interface

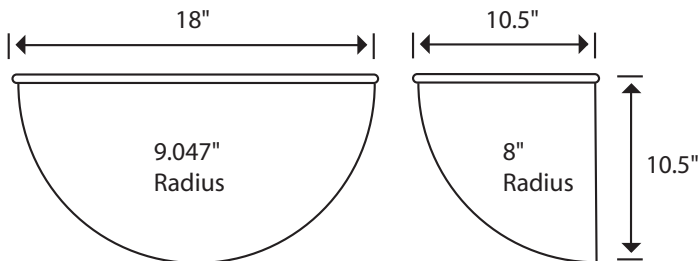
Power PC Processor

Easy installation

And, speaking of system design, e-Watch makes it easy to install cameras by offering a choice of ways to power the cameras. You can power the cameras with either a power inserter or a Cisco powered switch. In addition, firmware upgrades can be accomplished via the LAN. When optical and electronic adjustments need to be made to assure the best picture quality, they can be done from the viewer — an especially handy tool when cameras are mounted in places that are difficult to reach.

The e-Watch® Daylight Camera is a fixed camera with an integrated 18-power zoom lens that can be controlled by the user. It's the right choice when you have day lighting conditions. Used in conjunction with SiteWatch™ Situational Awareness Software, the Daylight Camera is part of a comprehensive, scalable, and flexible IP-video surveillance system that meets the unique needs of both security and IT professionals in your organization.

The CAM-301-Q is a tinted acrylic indoor discreet half dome housing with an e-Watch® vented day camera designed to work well in office, hallway and conference room locations.



Technical Specifications†

- Dimensions: 18" X 10.5" X 10.5"
- Weight: 8 lbs 30 ounces
- Environmental requirements: 0° to 45° C non-condensing atmosphere, no direct sunlight, Indoor Only
- Dual-core Power PC Processor
- 10/100 Ethernet interface
- Power via PoE IEEE 802.3af
- Power via PoE PowerDsine® legacy power **
- Auto iris
- Variable focus (4.1 to 73.8mm)
- Minimum Illumination 2 lux
- Simultaneous encoding of video formats:
 - 704 x 480 JPEG (2 fps to 10 spf)
 - 176 x 112 MJPEG (1-15fps, 10-350kbps), or 176 x 112 MPEG-1 (30 fps, 110 kbps)
 - 352 x 240 MPEG-1 (30 fps, 900 kbps)

†Technical Specifications subject to change without notice

Network*

IEEE 802.3 Ethernet Interface
10/100 Mbps, Auto-negotiating
DHCP Or Static IP Address

*Additional special order models available with alternate power supplies and network connections.

**Legacy power will require modifications to the unit. See Document URG-9126-001

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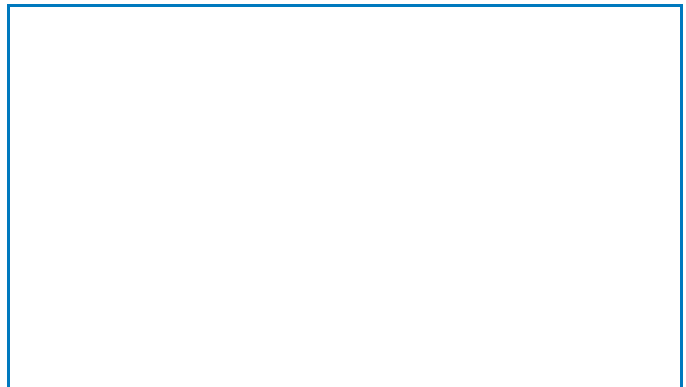
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