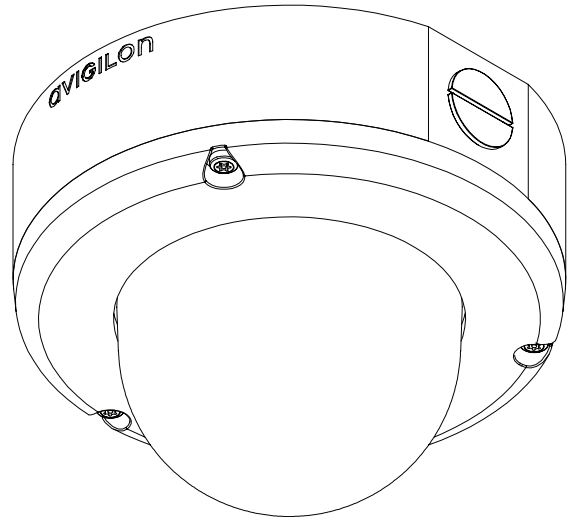


1.0 Megapixel Day/Night High Definition H.264 Outdoor IP Dome Camera



Description

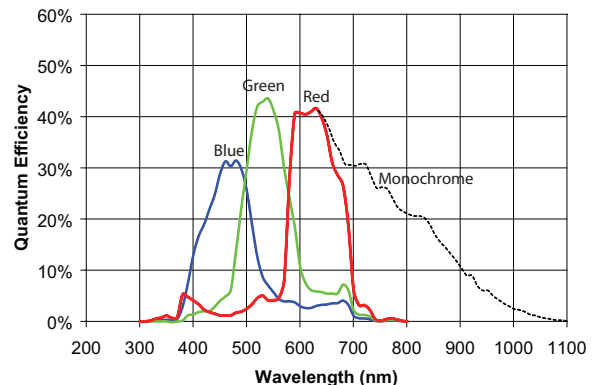
The Avigilon 1.0 megapixel day/night high definition H.264 IP outdoor dome camera is a progressive scan CMOS camera designed for a wide range of surveillance applications. An integrated fully motorized lens provides remote zoom and focus for easy installation and unsurpassed image quality. It transmits images over 100BASE-TX using H.264 technology to achieve the lowest network bandwidth, and requires minimal storage for video at high frame rates with superior image quality.

The camera's advanced image acquisition system automatically adjusts the exposure time, iris aperture and removable IR cut filter to ensure all available evidence is captured throughout the full range of day and nighttime scenes. The camera is designed for outdoor surface mounting and can be mounted to an electrical box. It is vandal resistant and IP66 compliant with a built in heater.

The camera seamlessly integrates with Avigilon Control Center NVMS and High Definition NVRs. The camera uses standard network technology to create a network based surveillance solution with unmatched performance, ease of use, and ease of installation. ONVIF compliance provides support from other leading video management systems. Camera power is provided by either Power over Ethernet, 12 VDC, or 24 VAC.

Features

- 1.0 megapixel progressive scan CMOS sensor
- Unsurpassed image quality
- 3-9 mm, F1.2 lens with remote focus and zoom
- 30 images per second at full resolution
- 69 dB true dynamic range
- 0.2 lux minimum illumination in color mode and 0.02 lux minimum illumination in monochrome mode
- H.264 and JPEG compression
- ONVIF compliant API
- Multiple video streams
- Automatic exposure and iris control
- Automatic removable IR cut filter for sensitivity at night
- Power over Ethernet, 24 VAC or 12 VDC power input
- Audio Input
- Analog Video Output
- External I/O
- Vandal resistant construction and IP66 compliant



Specifications

Camera

| | |
|----------------------------|---|
| Image Sensor | 1/2.7" progressive scan CMOS |
| Active Pixels | 1280 (H) x 720 (V) |
| Imaging Area | 5.9 mm (H) x 3.3 mm (V) 0.231" (H) x 0.129" (V) |
| Minimum Illumination | 0.2 lux (F1.2) in color mode 0.02 lux (F1.2) in monochrome mode |
| Dynamic Range | 69 dB |
| Lens | 3-9 mm, F1.2, DC-iris, remote focus and zoom |
| Angle of View | 35°-88° |
| Image Compression Method | H.264 (MPEG-4 Part 10/AVC), Motion JPEG |
| Image Rate | 30 (all resolutions) |
| Streaming | Multi-stream H.264 and Motion JPEG |
| Resolution Scaling | Down to 352 x 240 |
| Motion Detection | Selectable sensitivity and threshold |
| Electronic Shutter Control | Automatic, Manual (1/30 to 1/8000 sec) |
| Iris Control | Automatic, Manual |
| Day/Night Control | Automatic, Manual |
| Flicker Control | 50 Hz, 60 Hz |
| White Balance | Automatic, Manual |
| Privacy Zones | Up to 4 zones |
| Audio Input | Line input, A/V mini-jack (3.5 mm) |
| Audio Compression Method | G.711 PCM 8 kHz |
| Video Output | NTSC/PAL, A/V mini-jack (3.5 mm) |
| External I/O Terminals | Alarm In, Alarm Out |

Network

| | |
|---------------------|--|
| Network | 100BASE-TX |
| Cabling Type | CAT5 |
| Connector | RJ-45 |
| API | ONVIF compliant (www.onvif.org) |
| Security | Password protection, HTTPS encryption, digest authentication, WS authentication, user access log |
| Protocols | IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, Zeroconf, ARP |
| Streaming Protocols | RTP/UDP, RTP/UDP multicast, RTP/ RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP |

Mechanical

| | |
|------------------|-----------------------------------|
| Dimensions (ØxH) | 152 mm x 109 mm 6.0" x 4.3" |
| Weight | 1.2 kg (2.6 lbs) |
| Dome Bubble | Polycarbonate, clear |
| Body | Aluminum |
| Housing | Surface mount, vandal resistant |
| Finish | Powder coat, cool gray 2 |
| Adjustment Range | 360° pan, 180° tilt, 360° azimuth |

Electrical

| | |
|-------------------|--|
| Power Source | VDC: 12 V VAC: 24 V PoE: IEEE802.3af Class 3 compliant |
| Power Consumption | 9 W |
| Power Connector | 2-pin terminal block |

Environmental

| | |
|-----------------------|--|
| Operating Temperature | -30 °C to +50 °C (-22 °F to 122 °F) |
| Storage Temperature | -10 °C to +70 °C (14 °F to 158 °F) |
| Humidity | 20 - 80% Relative humidity (non-con- densing) |

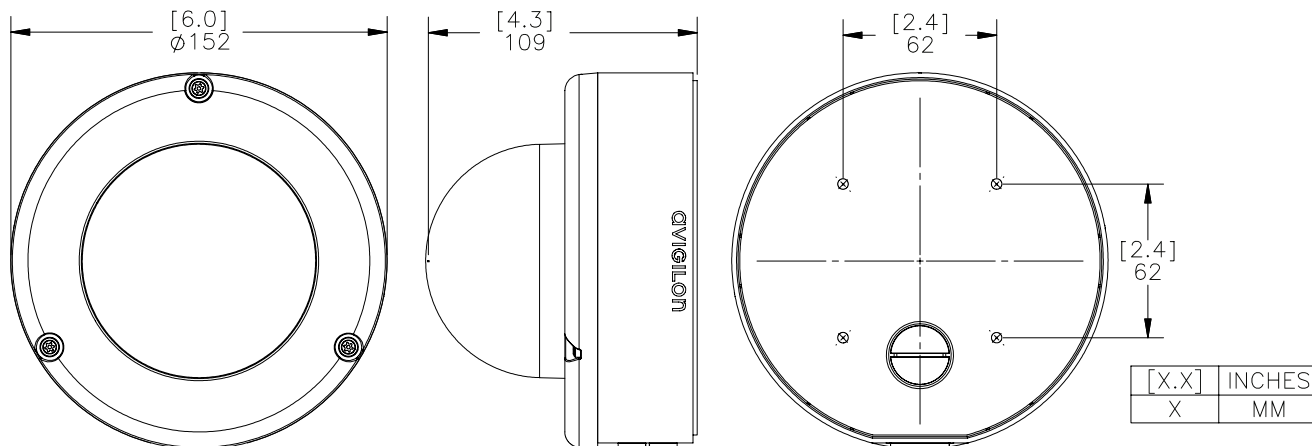
Certifications

CE, Class B
FCC, Class B
UL/cUL Listed
Meets IP66 standards

Ordering Information

| | |
|-------------------|--|
| 1.0MP-HD-H264-DO1 | 1.0 Megapixel Day/Night High Definition H.264 Outdoor IP Dome Camera |
| HD-H264-DOP-SMOKE | Dome Camera Cover with Smoked Bubble |

Outline Dimensions



Specifications subject to change without notice. V1.0
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