# 5.0 Megapixel Day/Night H.264 HD 3-9mm Outdoor Dome Camera

Avigilon's end-to-end surveillance solutions deliver image detail no other system can match. Avigilon Control Center software, featuring High-Definition Stream Management™ (HDSM™) technology combined with our broad range of megapixel cameras (from 1 MP to 29 MP) provide unprecedented clarity—while effectively managing storage and bandwidth requirements. Our components are scalable and can work together in an end-to-end system, or can be customized to create your own powerful and cost-effective solution.

The innovative HD H.264 dome camera is just one way Avigilon can help provide the very best monitoring and protection.



The 5.0MP H.264 HD outdoor dome camera is a great solution for monitoring both daytime and nighttime outdoor activities.  It features an integrated lens for remote focus and zoom control and is ONVIF compliant for no-hassle integration. The 5.0MP dome camera operates on Avigilon's H3 platform, providing this model with improved low light performance and enhanced HDSM features. P-Iris control also allows the camera to automatically set its iris position to maximize image quality in all lighting conditions. This camera is extremely versatile and can work in almost any location, including banks, schools, retail outlets, municipal grounds and buildings, hotels, bars and restaurants.
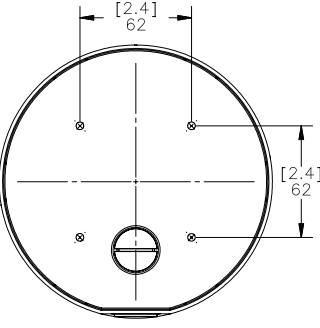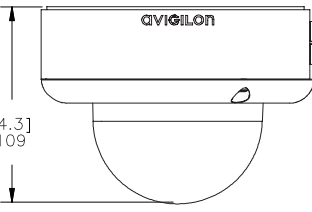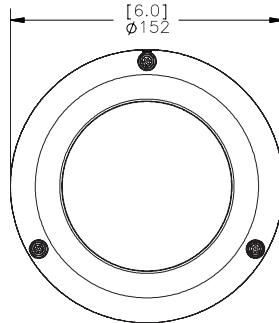
## KEY FEATURES

5.0 megapixel progressive scan CMOS sensor

Unsurpassed image quality

3-9mm, F1.2 P-Iris lens with remote focus and zoom

13 images per second at full resolution

69dB true dynamic range

0.3 lux minimum illumination in color mode
and 0.03 lux minimum illumination in monochrome mode

H.264 and Motion JPEG compression

ONVIF compliant API

Multiple video streams

Automatic exposure control and iris control

Automatic removable IR cut filter for IR sensitivity at night

Power over Ethernet, 24 VAC or 12 VDC power input

Audio Input and Output

Analog Video Output

External I/O

Vandal resistant construction and IP66 compliant

# Specifications

| CAMERA | | |
|---|---|---|
| | Image Sensor | 1/3.2" progressive scan CMOS |
| | Active Pixels | 2592 (H) x 1944 (V) |
| | Imaging Area | 4.6 mm (H) x 3.4 mm (V) (0.181" (H) x 0.133" (V)) |
| | Minimum Illumination | 0.3 lux (F1.2) in color mode; 0.03 lux (F1.2) in monochrome mode |
| | Dynamic Range | 69 dB |
| | Lens | 3-9 mm, F1.2, P-Iris, remote focus and zoom |
| | Angle of View | 28° - 84° |
| | Image Compression Method | H.264 (MPEG-4 Part 10/AVC), Motion JPEG |
| | Image Rate | 13 (at full resolution), 30 (at 1920 x 1080 or smaller) |
| | Streaming | Multi-stream H.264 and Motion JPEG |
| | Resolution Scaling | Down to 480 x 360 |
| | Motion Detection | Selectable sensitivity and threshold |
| | Electronic Shutter Control | Automatic, Manual (1/6 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 Compression Method | G.711 PCM 8 kHz |
| | Audio Input | Line input, A/V mini-jack (3.5 mm) |
| | Audio Output | Line level, A/V mini-jack (3.5 mm) |
| | 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. |
| | Protocol | 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<br>VAC: 24 V<br>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-condensing) |
| **CERTIFICATIONS** | | |
| | Safety | UL 60950     CE<br>CSA 60950     ROHS<br>EN 60950-1     WEEE |
| | Environmental | IK10 Impact Rating     Meets IP66 Weather Rating |
| | Electromagnetic Emissions | FCC Part 15 Subpart B Class B<br>IC ICES-003 Class B<br>EN 55022 Class B |
| | Electromagnetic Immunity | EN 55024     EN 61000-4-5<br>EN 61000-4-2     EN 61000-4-6<br>EN 61000-4-3     EN 61000-4-11<br>EN 61000-4-4 |
| **ORDERING INFORMATION** | | |
| | 5.0-H3-DO1 | 5.0 Megapixel Day/Night H.264 HD 3-9mm Outdoor Dome Camera |
| | H3-DOP-SMOKE | Dome Camera Cover with Smoked Bubble |



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