

8.0 Megapixel JPEG2000 Color 360° HD Panoramic Dome Camera



Avigilon offers the broadest range of high definition cameras in the industry – from 1 – 5 MP and 4 – 7K (based on horizontal resolution) – and are available in a variety of formats, including dome, panoramic and fixed. Whether it's a small storefront that requires a few cameras or a large complex system requiring complete coverage of numerous areas, you can trust that you're getting the best solution for your security needs.

The innovative JPEG2000 HD panoramic dome camera is just one way Avigilon can help provide the very best monitoring and protection.



JPEG2000 HD panoramic dome cameras feature four 2 MP sensors for a total resolution of 8 MP. A single installation provides high-resolution 360° coverage with lenses that are all pre-focused for no-fuss installation. This camera is ideal for monitoring indoor and outdoor environments for sectors such as education, banking, retail, accommodation, and hospitality or for any location where installation points are limited.

KEY FEATURES

8.0 megapixel progressive scan CMOS sensor

360° field of view

7 images per second per sensor

70 dB true dynamic range

0.6 lux minimum illumination

Lossless JPEG2000 compression

Automatic exposure control

Power over Ethernet, 24 VAC or 12 VDC power input

External I/O interface and an audio input

Vandal-resistant construction

IP66 compliant with outdoor mount

Specifications

| | | | | |
|-----------------------|-----------------------------|--|--|--|
| CAMERA | Image Sensor | 4 x 1/4" progressive scan CMOS | | |
| | Active Pixels | 1600 (H) x 1200 (V) per sensor | | |
| | Imaging Area | 3.5 mm (H) x 2.7 mm (V) per sensor; 0.138" (H) x 0.106" (V) per sensor | | |
| | Minimum Illumination | 0.6 lux (F2.0) | | |
| | Dynamic Range | 70 dB | | |
| | Lens | F2.0 / 2.4 mm | | |
| | Image Compression Method | JPEG2000 | | |
| | Image Rate | 7 per sensor | | |
| | Motion Detection | Selectable sensitivity and threshold | | |
| | Electronic Shutter Control | Automatic, Manual (2 to 1/30000 sec) | | |
| | Flicker Control | 50 Hz, 60 Hz | | |
| | White Balance | Automatic, Manual | | |
| | Backlight Compensation | Automatic | | |
| | Privacy Zones | Up to 4 zones per sensor | | |
| | Audio Compression Method | G.711 PCM 8 khz | | |
| | Audio Input | External 3.5 mm microphone input | | |
| | External I/O Terminals | Alarm In, Alarm Out, RS-485 | | |
| NETWORK | Network | 100BASE-TX | | |
| | Cabling Type | CAT5 | | |
| | Connector | RJ-45 | | |
| | Security | SSL | | |
| | Protocol | UDP, TCP, SOAP, DHCP, Zeroconf | | |
| MECHANICAL | Dimensions (ØxH) | 149.9 mm x 121.3 mm; 5.9" x 4.8" | | |
| | Weight | 0.91 kg (2.0 lbs) without lens | | |
| | Dome Bubble | Polycarbonate, clear | | |
| | Body | Aluminum | | |
| | Housing | Surface mount, vandal resistant | | |
| | Adjustment Range | 360° pan, 180° tilt, 180° azimuth | | |
| ELECTRICAL | Power Source | VDC: 12-24 V VAC: 24 V PoE: IEEE802.3af Class 3 compliant | | |
| | Power Consumption | 9 W + 5 W with heater option | | |
| | Power Connector | 2-pin terminal block | | |
| ENVIRONMENTAL | Operating Temperature | -10 °C to +50 °C (14 °F to 122 °F) -30 °C to +50 °C (-22 °F to 122 °F) with heater option | | |
| | Storage Temperature | -10 °C to +70 °C (14 °F to 158 °F) | | |
| | Humidity | 20 - 80% Relative humidity (non-condensing) | | |
| CERTIFICATIONS | Certifications | UL cUL CE | ROHS WEEE RCM | EAC |
| | Safety | UL 60950-1 CSA 60950-1 IEC/EN 60950-1 | | |
| | Environmental | IK10 Impact Rating | | Meets IP66 Weather Rating |
| | Electromagnetic Emissions | FCC Part 15 Subpart B Class A IC ICES-003 Class A EN 55022 Class A | | EN 61000-6-3 EN 61000-3-2 EN 61000-3-3 |
| | Electromagnetic Immunity | EN 55024 | | EN 61000-6-1 |
| | ORDERING INFORMATION | 8.0MP-HD-DOME-360 | 8.0 Megapixel JPEG2000 Color 360° HD Panoramic Dome Camera | |
| 8.0MP-HD-DOME-360-H | | 8.0 Megapixel JPEG2000 Color 360° HD Panoramic Dome Camera with Heater | | |
| DOME-INDE-PLT | | Indoor Electrical Box Mounting Plate | | |
| DOME-IND-CEL | | Indoor In-Ceiling Mount | | |
| DOME-OD-BASE | | Indoor/Outdoor Mounting Base | | |
| DOME-OD-PEND | | Indoor/Outdoor Pendant Mount | | |
| DOME-SMOKE | | Replacement smoked transparent cover. | | |

Outline Dimensions

