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 nofuss installation. This camera is ideal for monitoring indoor and outdoor environments for sectors such as education, banking, retail, accomodation, 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) \times 2.7 mm (V) per sensor; 0.138" (H) \times 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	CATE
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
Finish	Powder coat, cool gray 2
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)

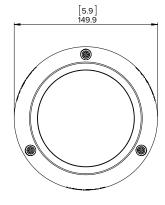
CERTIFICATIONS

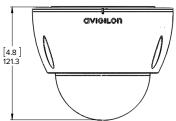
Certifications	UL cUL CE	ROHS WEEE RCM	EAC
Safety	UL 60950-1 CSA 60950-1 IEC/EN 60950-1		
Environmental	IK10 Impact Rating		Meets IP66 Weather Rating
Electromagnetic Emissions	FCC Part 15 Subpart B 0 IC ICES-003 Class A EN 55022 Class A	Class A	EN 61000-6-3 EN 61000-3-2 EN 61000-3-3
Electromagnetic Immunity	EN 55024		EN 61000-6-1

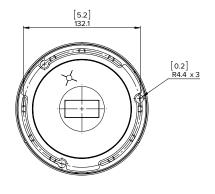
ORDERING INFORMATION

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







[X.X]	INCHES
X	MM