

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

