

# 8.0 Megapixel JPEG2000 Color 180° HD Panoramic 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 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 180° 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, accomodation, and hospitality or for any location where installation points are limited.

## KEY FEATURES

- 8.0 megapixel progressive scan CMOS sensor
- 180° 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

<b>CAMERA</b>	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 / 4.4 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

<b>NETWORK</b>	Network	100BASE-TX
	Cabling Type	CAT5
	Connector	RJ-45
	Security	SSL
	Protocol	UDP, TCP, SOAP, DHCP, Zeroconf

<b>MECHANICAL</b>	Dimensions (ØxH)	150 mm x 120 mm; 5.9" x 4.7"
	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

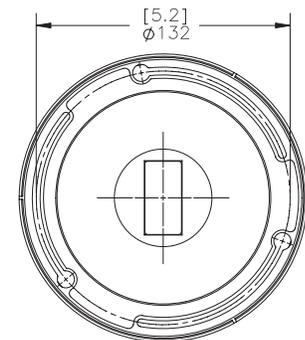
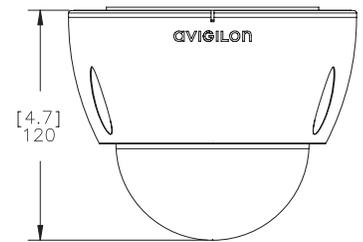
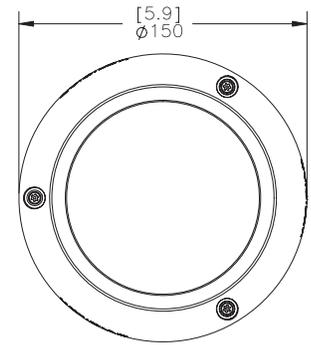
<b>ELECTRICAL</b>	Power Source	VDC: 12-24 V VAC: 24 V PoE: IEEE802.3af Class 3 compliant
	Power Consumption	9 W + 5 W with heater option
	Power Connector	2-pin terminal block

<b>ENVIRONMENTAL</b>	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)

<b>CERTIFICATIONS</b>	Safety	UL 60950 CSA 60950 EN 60950-1	CE ROHS WEEE
	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 61000-3-2 EN 61000-3-3 EN 61000-6-3
	Electromagnetic Immunity	EN 50130-4 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4	EN 61000-4-5 EN 61000-4-6 EN 61000-4-11

<b>ORDERING INFORMATION</b>	8.0MP-HD-DOME-180	8.0 Megapixel JPEG2000 Color 180° HD Panoramic Dome Camera
	8.0MP-HD-DOME-180-H	8.0 Megapixel JPEG2000 Color 180° 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

