8.0 Megapixel JPEG2000 Monochrome HD Pro 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 Pro camera is just one way Avigilon can help provide the very best monitoring and protection.



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KEY FEATURES

8.0 megapixel progressive scan CCD sensor
7 images per second at full resolution
64 db true dynamic range
0.01 lux minimum illumination
4/3" optical format
Lossless JPEG2000 compression
Unsurpassed image quality
Automatic exposure control and iris control
Software focus control
Compatible with a wide selection of Canon® EF mount lenses
Power over Ethernet, 24 VAC or 12 VDC power input
External I/O and RS-485 interface

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Specifications

CAMERA	Image Sensor	4/3" format progressive scan CCD
	Active Pixels	3296 (H) × 2472 (V)
	Imaging Area	18.1 mm (H) x 13.6 mm (V); 0.713" (H) x 0.535" (V)
	Minimum Illumination	0.01 lux (at F1.4)
	Dynamic Range	64 dB
	Lens Mount	EF (SLR-style bayonet)
	Image Compression Method	JPEG2000
	Image Rate	7 (at full resolution)
	Motion Detection	Selectable sensitivity and threshold
	Electronic Shutter Control	Automatic, Manual (2 to 1/60000 sec)
	Iris Control	Automatic, Manual
	Focus Control	Motorized, Manual
	Flicker Control	50 Hz, 60 Hz
	White Balance	Automatic, Manual
	Backlight Compensation	Automatic
	Privacy Zones	Up to 4 zones
	External I/O Terminals	Alarm In, Alarm Out, RS-485

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

MECHANICAL	Dimensions (LxWxH)	120 mm x 79 mm x 74 mm (4.7" x 3.1" x 2.9")
	Weight	1.15 kg (2.5 lbs) without lens
	Camera Mount	1/4" UNC-20 (top and bottom)

ELECTRICAL Power Sou	Power Source	VDC: 12-24 V VAC: 24 V PoE: IEEE802.3af Class 3 compliant
	Power Consumption	9 W
	Power Connector	2-pin terminal block

ENVIRONMENTAL	Operating Temperature -10 °C to +50 °C (14 °F to 122 °F)	
	Storage Temperature	-10 °C to +70 °C (14 °F to 158 °F)
	Humidity	20 - 80% Relative humidity (non-condensing

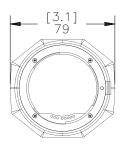
CERTIFICATIONS	Safety	UL 60950 CSA 60950 EN 60950-1	CE ROHS WEEE
	Electromagnetic Emissions	FCC Part 15 Subpart B Class A IC ICES-003 Class A EN 55022 Class A	EN 61000-6-3 EN 61000-3-2 EN 61000-3-3
	Eletromagnetic Immunity	EN 50130-4 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4	EN 61000-4-5 EN 61000-4-6 EN 61000-4-11

ORDERING INFORMATION

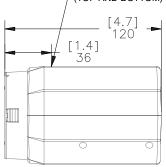
8.0MP-HD-PRO-M

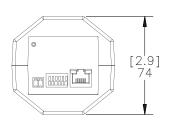
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Outline Dimensions



MOUNTING POINT 1/4"-20 UNC (TOP AND BOTTOM)





[X.X]	INCHES
Х	MM