



High Definition Professional IP Cameras with High Definition Stream Management (HDSM)

Key Features

- Multi-Megapixel
- High Definition Stream Management (HDSM)
- Near Infrared (NIR) Sensitivity
- Wide Dynamic Range
- Focus and Iris Control of SLR Lenses
- Stop-Action Electronic Shutter
- Power-over-Ethernet (PoE)
- Plug-and-Play

Benefits

- Capture high quality detailed images - equivalent resolution of 50 VGA cameras in one camera
- Reduce total number of cameras
- Live and post-incident digital PTZ
- Highest possible quality recording with no loss of data
- Dynamically controlled bandwidth utilization for optimal streaming
- See beyond human vision at night
- Maximum imaging performance with IR illuminators
- Capture details in scenes with both very bright and very dark areas
- Wide selection of extremely high quality lenses
- Capture sharp images of moving objects
- No external power required
- Auto-detection and auto-configuration of cameras for easy installation





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Resolution	Pixel Layout	Sensor Format	Lens Mount	Maximum Images Per Second	Camera Type	Sensitivity (lux)	Model	Recommended Application
16 MP	4872 x 3248	35 mm	EF	3 ips	Color	0.1	16MP-HD-PRO-C	Highest resolution possible for monitoring very large areas in detail - equivalent resolution of over 50 VGA cameras *
					Monochrome NIR	0.01	16MP-HD-PRO-M	Highest resolution possible for monitoring very large areas in challenging lighting conditions or with IR illuminators - equivalent resolution of over 50 VGA cameras *
11 MP	4008 x 2672	35 mm	EF	5 ips	Color	0.1	11MP-HD-PRO-C	Very high resolution for monitoring large areas in detail - equivalent resolution of over 36 VGA cameras *
					Monochrome NIR	0.01	11MP-HD-PRO-M	Very high resolution for monitoring large areas in challenging lighting conditions or with IR illuminators - equivalent resolution of over 36 VGA cameras *
4.2 MP	2048 x 2048	21 mm	EF/ EF-S	15 ips	Color	0.1	4.2MP-HD-PRO-C	High resolution and image refresh rate for fluid motion tracking of fast moving objects in detail *
					Monochrome NIR	0.01	4.2MP-HD-PRO-M	High resolution and image refresh rate for fluid motion tracking of fast moving objects in detail in challenging lighting conditions or with IR illuminators *
2.0 MP (1080p)	1920 x 1080	16.3 mm	EF/ EF-S	30 ips	Color	0.1	2.0MP-HD-PRO-C	HDTV 16:9 format and highest image refresh rate for tracking fast moving objects in detail and in real-time *
					Monochrome NIR	0.01	2.0MP-HD-PRO-M	HDTV 16:9 format and highest image refresh rate for tracking fast moving objects in detail and in real-time in challenging lighting conditions or with IR illuminators *

* To determine optimal camera resolutions and lens combinations see the Avigilon Camera Resolution and Lens Estimator at avigilon.com

All Avigilon HD Pro IP Cameras have EF lens focus and aperture control and can be powered by PoE, AC or DC. Product specifications subject to change without notice.