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

Key Features	Benefits
• Multi-Megapixel	• Capture high quality detailed images • Reduce total number of cameras • Live and post-incident digital PTZ
• High Image Rates	• Real-time HD viewing of live and playback footage
• Auto Iris	• Automatically adjusts iris and exposure to ensure best possible images are captured
• Automatic IR Cut Filter	• Superior low-light performance and sensitivity to IR illuminators
• High Definition Stream Management (HDSM)	• Highest possible quality recording with no loss of data • Dynamically controlled bandwidth utilization for optimal streaming
• Alarm Input and Outputs	• Synchronize recording with external alarms and integrate camera motion detection into your current alarm system
• Power-over-Ethernet (PoE)	• No external power required
• Plug-and-Play	• 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
5.0 MP	2592 × 1944	1/2.5"	C/CS	12 ips	Color Day/Night	0.3 in Color 0.03 in Monochrome	5.0MP-HD-DN	Highest resolution of the HD IP Camera series for monitoring large areas in maximum detail with fluid motion *
3.0 MP	2048 × 1536	1/2"	C/CS	12 ips	Color Day/Night	0.2 in Color 0.02 in Monochrome	3.0MP-HD-DN	High resolution for monitoring large areas in higher than HD detail with fluid motion *
2.0 MP (1080p)	1920 × 1080	1/2.5"	C/CS	18 ips	Color Day/Night	0.2 in Color 0.02 in Monochrome	2.0MP-HD-DN	HDTV 16:9 format and high refresh rate for capturing near real-time 1080P video *
1.0 MP (720p)	1280 × 720	1/3"	C/CS	39 ips	Color Day/Night	0.2 in Color 0.02 in Monochrome	1.0MP-HD-DN	HDTV 16:9 format and the highest refresh rate available for capturing real-time HD video *

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

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

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