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

| Key Features | Benefits |
|---|---|
| • Multi-Megapixel | • Capture high quality detailed images - equivalent resolution of 50 VGA cameras in one camera<br>• Reduce total number of cameras<br>• Live and post-incident digital PTZ |
| • High Definition Stream Management (HDSM) | • Highest possible quality recording with no loss of data<br>• Dynamically controlled bandwidth utilization for optimal streaming |
| • Near Infrared (NIR) Sensitivity | • See beyond human vision at night<br>• Maximum imaging performance with IR illuminators |
| • Wide Dynamic Range | • Capture details in scenes with both very bright and very dark areas |
| • Focus and Iris Control of SLR Lenses | • Wide selection of extremely high quality lenses |
| • Stop-Action Electronic Shutter | • Capture sharp images of moving objects |
| • 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 |
|---|---|---|---|---|---|---|---|---|
| **16** MP | 4864 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 | 4000 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 * |

* 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.

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