



AVIGILON



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

### Key Features

### Benefits

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|--|--|
| • 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   |





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

| 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](http://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.