



## JPEG2000 HD Pro Cameras

JPEG2000 HD Pro cameras start at 8 MP and go all the way up to an industry-leading 29 MP—using E/EF mount lenses for the best optical quality and remote focus. These cameras are mainly used for covering vast areas in high detail, making them effective for monitoring logistics and the movement of goods, as well as stadiums, ports, transportation, critical infrastructure, and municipal grounds and buildings.

### KEY FEATURES

Highest Resolution and Quality

Wide Dynamic Range

Focus and Iris Control of SLR Lenses

Near-Infrared (NIR) Sensitivity

Plug-and-Play

### BENEFITS

Capture high quality, detailed images.

Reduces the total number of cameras required. One 29 MP camera gives you the same resolution as 95 VGA cameras.

Live and post-incident digital PTZ.

Capture details in scenes with both very bright and very dark areas.

Remote focus for ease of installation and operation.

Maximum imaging performance with IR illuminators.

No external power required.

Resolution	Pixel Layout	Sensor Format	Lens Mount	Maximum Images Per Second (IPS)	Camera Type	Sensitivity (lux)	Models	Recommended Application
8 MP	3296 x 2472	4/3" optical format	EF	7	Color	0.1	8 MP-HD-PRO-C	High resolution for monitoring large areas in detail—gives you the same resolution as 26+ VGA cameras*
					Monochrome NIR	0.01	8 MP-HD-PRO-M	High resolution for monitoring large areas in challenging lighting conditions or with IR illuminators—gives you the same resolution as 26+ VGA cameras*
11 MP	4000 x 2672	35 mm	EF	5	Color	0.1	11 MP-HD-PRO-C	Very high resolution for monitoring large areas in detail—gives you the same resolution as 36+ VGA cameras*
					Monochrome NIR	0.01	11 MP-HD-PRO-M	Very high resolution for monitoring large areas in challenging lighting conditions or with IR illuminators—gives you the same resolution as 36+ VGA cameras*
16 MP	4864 x 3248	35 mm	EF	3	Color	0.1	16 MP-HD-PRO-C	For monitoring very large areas in detail—gives you the same resolution as 50+ VGA cameras*
					Monochrome NIR	0.01	16 MP-HD-PRO-M	For monitoring very large areas in challenging lighting conditions or with IR illuminators—gives you the same resolution as 50+ VGA cameras*
29 MP	6576 x 4384	35 mm	EF	2	Color	0.1	29 MP-HD-PRO-C	Highest resolution possible for monitoring very large areas in detail - gives you the same resolution as 95+ VGA cameras*
					Monochrome NIR	0.01	29 MP-HD-PRO-M	Highest resolution possible for monitoring very large areas in challenging lighting conditions or with IR illuminators - gives you the same resolution as 95+ VGA cameras*

\*To determine optimal camera resolutions and lens combinations, see the Avigilon Camera Resolution and Lens Estimator at [avigilon.com](http://avigilon.com)

