


Avigilon HD Dome Camera

Technical Specification

Make	Avigilon	
Company	Avigilon Corporation	
Model code	5.0MP-HD-DOME-DN	
Chip Inch Size	1/3	
Colour Type	Colour / Monochrome	
Resolution TVL	2592 x 1944	
Sensitivity lux	0.03	
Mount Type	Ceiling	
Compression	JPEG2000	
Back Light Compensation	Yes	

White Balance	Yes
Built-in IR LED	Yes
Network Properties	Image Frame Rate: 12
Environmental Specifications	Protection: Vandal Resistant , water proof, and dustproof
Additional info	Lens Mount: C/CS

Product profile

[Avigilon](#), the performance and value leader in high definition (HD) and megapixel video surveillance systems, recently announced the introduction of the industry's first auto-iris day/night HD dome camera. Responding to customer demand for an effective megapixel dome camera and designed for a wide range of locations including those that may be subject to abuse, vandalism, or other harsh conditions, the Avigilon HD Dome Camera is competitively priced and easy to install, making megapixel and HD performance accessible to a wide range of users with a broad scope of surveillance needs.

"Dome cameras represent a large segment of the surveillance market because of their compact design and ease of installation. However, many surveillance professionals have been unable to fully implement an HD surveillance system because the industry lacked an easy to install HD day/night dome camera that was effective in low-light conditions," said Dave Tynan, vice-president of global sales at Avigilon. *"With the introduction of Avigilon's auto-iris day/night megapixel dome cameras with integrated IR illumination, security professionals have, for the first time, an easy to install, cost-effective, and vandal-proof HD dome camera designed to meet the needs of even the toughest*

conditions."

The Avigilon HD Dome Camera is available in one megapixel (720p), two megapixels (1080p), three megapixels, and five megapixels and comes with an automatic infrared (IR) filter technology to deliver superior low-light performance and sensitivity to infrared illumination. Vandal-resistant, the Avigilon HD Dome Camera integrates engineering and design features as well as special materials to allow it to continue operating even under the toughest conditions. An optional integrated IR illuminator provides short range illumination for high resolution surveillance in low-light conditions. Avigilon's HD dome cameras come with mounting options for recessed in-ceiling mounting, mounting to an electrical box, and mounting in a sealed IP66-rated outdoor configuration.

With built in support for High Definition Stream Management (HDSM), the Avigilon HD Dome Camera can leverage Avigilon Control Center's progressive lossless compression to deliver the lowest bandwidth and longest record times of any HD surveillance camera while preserving image quality. The new HD dome cameras also offer Power-over-Ethernet (PoE) to reduce installation costs and alarm input and outputs to easily integrate into current alarm systems for further performance and cost gains.