

Optera™ IMM Series with SureVision™ 2.0

180°, 270°, 360° PANORAMIC, 12 MPX IP CAMERAS

Product Features

- Constant, seamless situational awareness
- Zoom in for detail live or retrospectively with client-side dewarping
- Multiple immersive PTZ views at video management system (VMS)
- Up to 12 Megapixel (4 x 3 MPx) resolution for better detail at a distance
- Up to 12.5 frames per second (fps) at 12 MPx resolution
- Outstanding WDR and low-light performance at the same time
- 8 Pelco video analytic behaviors
- Local storage (Micro SD)
- ONVIF Profile S and Profile G conformant
- Compatible with Pelco VideoXpert™*, Digital Sentry®, and third-party VMS partners
- Power over Ethernet Plus (PoE+)
- 3-year warranty

Optera™ IMM Series Multi-Imager Solution

The Optera™ IMM Series camera with SureVision™ 2.0 provides a panomersive experience with seamless situational awareness which provides stitched and blended panoramic views. The IMM Series also enables you to zoom in for detail within multiple intuitive immersive views from a video management system (VMS). Other multi-imager solutions can be disjointed with separate streams out of order. The IMM Series transparently integrates video across all sensors in the camera, presenting a seamless user experience from setup to viewing.

Camera

IMM Series camera options include 180-, 270-, or 360-degree models. All models include a camera in a compact in-ceiling mount, surface mount, or pendant enclosure that is ready to install. All models feature a robust metal tamper-resistant design and carry an IK10 impact rating for vandal resistance. The Environmental Vandal model features worry-free use in a wide range of challenging operating conditions. In-ceiling models have a back box that is plenum rated per 2008 NEC article 300.22(C)(2).

Video with SureVision 2.0

The IMM Series offers the panomersive experience with outstanding and industry leading image quality with SureVision 2.0 technology. SureVision 2.0 delivers excellent low-light performance and true wide dynamic range (WDR), consistently and simultaneously. With superior WDR, anti-bloom technologies, 3D noise filtering and advanced tone mapping, SureVision 2.0 makes the IMM Series capable of delivering outstanding image quality in very challenging lighting conditions.

Window Blanking

Window blanking is used to conceal user-defined privacy areas. The IMM Series camera supports up to 32 blanked windows. A blanked area appears on the screen as a solid gray window.

SureVision™ 2.0
A Pelco™ by Schneider Electric™ technology



OPTERA IMM SERIES 180-DEGREE CAMERA

Video

The IMM Series provides near real-time capture with a frame rate of up to 12.5 frames per second (fps) at full resolution. This video is presented from the camera in multiple streams that can be encoded in H.264 level 5.1 high profile and constrained variable bit recording (CVBR) for efficient encoding to conserve video storage and bandwidth.

Open and Integrated

The IMM Series camera seamlessly connects to the Pelco VideoXpert™ and Digital Sentry® VMSs. IMM Series integrates with major partner video management systems through the open Pelco API, Panomersive SDK and through the ONVIF standard. IMM Series enables customers to record everything in the scene at the VMS, and both live and retrospectively obtain panoramic and multiple immersive views.

Built-In Analytics

The IMM Series features a full suite of eight Pelco video analytics applied across a wide field of view. Pelco behaviors include Abandoned Object, Adaptive Motion Detection, Camera Sabotage, Directional Motion, Loitering Detection, Object Counting, Object Removal, and Stopped Vehicle. These behaviors enable operators to focus quickly on events and areas of interest.

Convenient Power

The IMM Series is designed with Power over Ethernet Plus (PoE+) to simplify planning, wiring, and installation. PoE+ works with PoE+ enabled network switches or power injectors. PoE+ eliminates separate power supplies, cabling, and increases camera availability through an uninterruptible power supply (UPS).

* Requires Digital Sentry server operating as VideoXpert storage to support recording and playback services.



by Schneider Electric



International Standards
Organization Registered Firm;
ISO 9001 Quality System



C4015 / NEW 5-11-15