

# Sarix® IL10 Series Box and Micro Dome Cameras

## 1 MPX, 720P, H.264, COLOR, INDOOR IP CAMERAS WITH FIXED FOCUS

### Product Features

- 720p (1280 x 720) Resolution
- 30 Images per Second (ips)
- H.264 Compression
- Up to 2 Simultaneous Video Streams
- Selectable Bit Rate
- Minimum Illumination Down to 0.5 lux
- Integrated 68° Diagonal Field of View Lens
- Web-Based User Interface for Easy Setup and Configuration
- Multilingual Menus in User Interface (English, French, Italian, German, Spanish, Portuguese, Simplified Chinese, Russian)
- Power over Ethernet (IEEE 802.3af) or 24 VAC Options
- Compatible with Pelco and Third-Party Video Systems
- ONVIF V1.02 Conformant
- 1 Year Warranty and Support from Pelco by Schneider Electric

The **Sarix IL10 Series box and dome cameras** are high-definition IP network cameras that offer a cost-effective solution for video security needs in small- and medium-sized businesses. They are part of Pelco's Value (V) range of cameras.

**IL10 Series** cameras produce high-quality, color HDTV (720p resolution at 30 ips) video. The **IL10 Series** is available in four options suitable for a variety of indoor environments:

- Box, Power over Ethernet (PoE)
- Box, 24 VAC
- In-ceiling Micro Dome, PoE
- In-ceiling Micro Dome, 24 VAC

### Convenient Power

**IL10 Series** PoE models work with PoE-enabled network switches or power injectors, eliminating the need for separate power supplies and cabling. The 24 VAC models are also offered for installations where 24 VAC power already exists.

### Quick and Reliable Installation

The **IL10 Series** is simple to install, and the integrated prefocused fixed focal length lens makes sharp scene alignment and focus a snap. The box camera models offer mounting flexibility with standard screw mounts on both the rear and bottom of the camera. The micro dome models ship with in-ceiling mounts that the camera



**MICRO DOME  
MODEL**



**BOX MODEL**

snaps into. Two-axis pan and tilt quickly get the micro dome pointed in the desired direction. Convenient network connectivity, along with the simple Web user interface, makes for quick plug-and-play finalization of settings and positioning adjustment.

### Web Interface

The **IL10 Series** uses a standard Web browser for easy remote setup and administration. Controls are optimized for easy one-step camera configuration for features including color, exposure, flicker control, and streaming. A one-click shutter allows you to capture sharp JPEG snapshots of the live view for documenting, positioning, or easy event recording.

### Video Streams

**IL10 Series** cameras can support two simultaneous video streams. The two streams can be compressed in H.264 format that can be individually optimized between highest quality and bandwidth/storage efficiency. The camera supports text overlay with options for time, date, and camera name.

### Systemization

The **IL10 Series** easily connects to Pelco IP and hybrid systems such as Endura® version 2.0 (or later), Digital Sentry® version 7.3 (or later), and DX4700/DX4800 hybrid video recorders. The **IL10 Series** is also compatible with the ONVIF standard for connection with third-party video management systems.



by **Schneider Electric**

International Standards  
Organization Registered Firm;  
ISO 9001 Quality System



C3931 / NEW 2-5-13

# TECHNICAL SPECIFICATIONS

## MODELS

|         |                                             |
|---------|---------------------------------------------|
| IL10-BA | Sarix IL10 indoor box camera, 24 VAC        |
| IL10-BP | Sarix IL10 indoor box camera, PoE           |
| IL10-DA | Sarix IL10 indoor micro dome camera, 24 VAC |
| IL10-DP | Sarix IL10 indoor micro dome camera, PoE    |

## RECOMMENDED ACCESSORIES

|            |                                                                       |
|------------|-----------------------------------------------------------------------|
| C10-UM     | Universal camera mount                                                |
| DF5        | 5-inch fixed mount dome enclosure                                     |
| POE20U560G | Single port PoE injector                                              |
| TF Series  | Single 24 VAC camera power supply, indoor, input voltage 120 VAC only |

## CAMERA

|                        |                                |
|------------------------|--------------------------------|
| Imaging Device         | 1/6.9 inch                     |
| Imager Type            | CMOS                           |
| Imager Readout         | Progressive scan               |
| Aspect Ratio           | 16:9                           |
| Sensitivity            | f/2.0                          |
| Color (33 ms)          | 3.0 lux, autoswitching         |
| Color (200 ms)         | 0.5 lux, autoswitching         |
| Signal-to-Noise Ratio  | 50 dB                          |
| White Balance Range    | 2850° to 6500°K                |
| Video Motion Detection | 3 zones, plus background zone  |
| Angle Adjustment       | Pan/tilt (on micro dome model) |
| Lens                   | f/2.0                          |
| Focal Length           | 1.92 mm                        |

## CONSTRUCTION

|             |                         |
|-------------|-------------------------|
| Camera Body | Polycarbonate-ABS blend |
| Bubble      | Polycarbonate, clear    |

## ELECTRICAL

|                   |                                               |
|-------------------|-----------------------------------------------|
| Input Power       |                                               |
| 24 VAC            | 24 VAC $\pm$ 10% nominal;<br>50/60 Hz nominal |
| PoE               | IEEE802.3af, $\pm$ 10%, Class 0               |
| Network Port      | RJ-45 connector                               |
| Cabling Type      | Cat5                                          |
| Power Consumption | <3 W                                          |

## ENVIRONMENTAL

|                       |                                |
|-----------------------|--------------------------------|
| Operating Temperature | -0° to 40°C (32° to 104°F)     |
| Storage Temperature   | -0° to 60°C (32° to 140°F)     |
| Operating Humidity    | 15% to 85%, RH (noncondensing) |
| Storage Humidity      | 15% to 85%, RH (noncondensing) |

## CERTIFICATIONS/PATENTS

- CE, Class A
- FCC, Class A
- UL/cUL Listed
- S-Mark
- KCC
- Patents are pending

## VIDEO

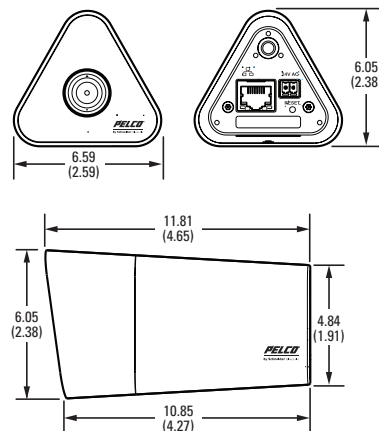
|                          |                                                                                                                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Video Encoding           | H.264                                                                                                                        |
| Video Streams            | Up to 2 simultaneous streams: 1 view and 1 record;<br>1280 x 720 at 30, 25, 15, or 10 ips;<br>plus 640 x 352 at 5 ips        |
| Frame Rate               | Up to 30 ips                                                                                                                 |
| Maximum Resolution       | 1280 x 720                                                                                                                   |
| Supported Protocols      | HTTP, RTP, RTSP, NTP, IPv4, RTCP, UPnP, SSH, SSL                                                                             |
| Unicast Users            | Up to 6 simultaneous users depending on resolution settings (2 guaranteed streams);<br>4 users for full resolution at 30 ips |
| Multicast Users          | Unlimited users                                                                                                              |
| Software Interface       | Web browser view and setup                                                                                                   |
| Pelco System Integration | Endura 2.0 (or later);<br>Digital Sentry 7.3 (or later);<br>DX4700/DX4800                                                    |
| Open API                 | Pelco API v1.0 or ONVIF v1.02                                                                                                |

## PHYSICAL

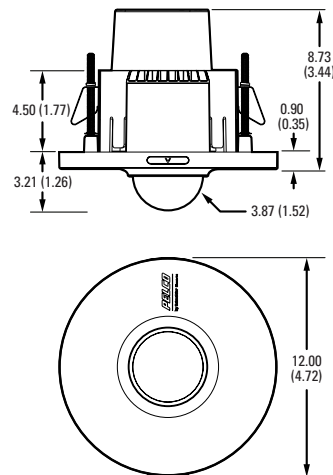
|            |                     |                     |
|------------|---------------------|---------------------|
| Weight     | Unit                | Shipping            |
| Box        | 0.162 kg (0.357 lb) | 0.356 kg (0.785 lb) |
| Micro Dome | 0.264 kg (0.582 lb) | 0.566 kg (1.248 lb) |

 NOTE: VALUES IN PARENTHESES ARE INCHES;  
ALL OTHERS ARE CENTIMETERS.

### BOX MODEL



### MICRO DOME MODEL



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