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 Profile S Conformant
- 1 Year Warranty and Support from Pelco by Schneider Electric

MICRO DOME MODEL

BOX MODEL

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

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 conformant with ONVIF Profile S for connection with third-party video management systems.

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 ±10% nominal; 50/60 Hz nominal
PoE	IEEE802.3af, ±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
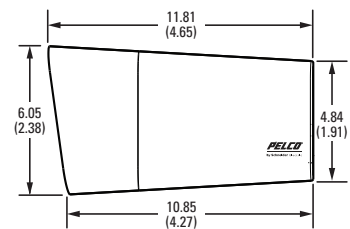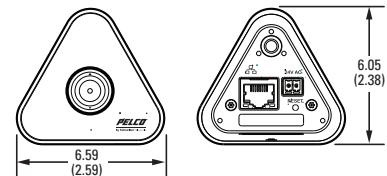- UL/cUL Listed
- KCC
- Patents are pending

VIDEO

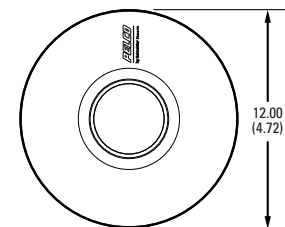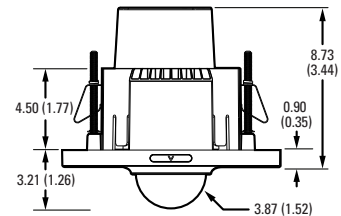|	
Video Encoding	H.264
Video Streams	Up to 2 simultaneous streams: 1 view and 1 record; 1280 x 720 at 30, 25, 15, or 10 ips; plus 640 x 352 at 5 ips
Frame Rate	Up to 30 ips
Maximum Resolution	1280 x 720
Supported Protocols	HTTP, RTP, RTSP, NTP, IPv4, RTCP, UPnP, SSH, SSL
Unicast Users	Up to 6 simultaneous users depending on resolution settings (2 guaranteed streams); 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); Digital Sentry 7.3 (or later); DX4700/DX4800
Open API	Pelco API v1.0 or ONVIF Profile S

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

6.05 (2.38)
6.59 (2.59)
11.81 (4.65)
6.05 (2.38)
4.84 (1.91)
10.85 (4.27)

MICRO DOME MODEL

8.73 (3.44)
4.50 (1.77)
0.90 (0.35)
3.21 (1.26)
3.87 (1.52)
12.00 (4.72)