

Sarix® IXV Series Box Cameras

UP TO 5 MEGAPIXEL, H.264, H.265

Product Features

- Up to 5 megapixel (MPx) resolution
- Up to 30 images per second (ips) at maximum resolution (Also support 1080p 60 fps for 5 MPx models)
- Operating temperature up to 55°C (131°F)
- Up to 128 GB edge storage with Micro SD card
- Motion detection, Window Blanking, Region of Interest, and Corridor Mode
- Power over Ethernet (PoE) 24 VAC/12 VDC
- Compatible with Pelco and third-party video systems
- ONVIF Profile S and Profile G conformant
- Full 3-year warranty and support



Sarix Value Range

Powerful, versatile, and affordable, the **Sarix® Value (V)** range cameras pack the most popular features into a wide range of indoor and outdoor options. Form factors include bullet, mini dome, dome, and box cameras. Mix and match the performance options and form factor you need for almost any lighting condition, environment, and application.

Camera

Within the **Sarix Value** Range, the **IXV Series Box Cameras** are compatible with a choice of auto iris lenses for wide angle or long range surveillance needs.

Video

Sarix Value range cameras support up to three simultaneous video streams. The three streams can be compressed with efficient H.264 High, Main, or Baseline profiles, H.265, or MJPEG formats. The streams can be configured to a variety of frame rates and bit rates to optimize image quality with bandwidth and storage efficiency.

Edge Storage

Sarix Value range bullet cameras feature onboard edge storage with a micro SD card. Video clips of varying lengths can be stored to the card upon alarm, or video can be written continuously to the SD card in the case of network outage. Video can be retrieved from the card through the FTP protocol or by using an ONVIF Profile G enabled client.

Sarix Value range cameras feature simple motion detection algorithms allowing the camera to record or send an alarm when there is motion detected in a selected zone or with the entire scene.

Sarix Value range cameras support Window Blanking (four privacy areas), Region of Interest (for better IQ in this area), and Corridor Mode (image rotation).

Open and Integrated

Sarix Value range cameras seamlessly connect to Pelco video management systems such as VideoXpert™ and Digital Sentry® version 7.3 (or later). **Sarix Value** range cameras integrate with major third-party systems through ONVIF Profile S and Profile G standards and GB/T-28181.

Standard Web Interface

Pelco cameras use a standard Web browser interface for easy remote setup and administration.

TECHNICAL SPECIFICATIONS

CAMERA

Imaging Device

MPx	Sensor	Maximum Resolution
5 MPx	1/1.8-inch	2592 x 1944 (5.0 MPx)
2 MPx	1/2.8-inch	1920 x 1080 (2.0 MPx)
1 MPx	1/2.8-inch	1280 x 720 (1.0 MPx)

Electronic Shutter Range

1/3 ~ 1/100,000 sec

Noise Reduction

3D/2D

Wide Dynamic Range

80 dB (5 MPx models)

Signal to Noise Ratio

>50 dB

120 dB (1 MPx and 2 MPx models)

Mechanical IR Cut Filter

Yes, with different set points on lux

White Balance Range

1,500° to 15,000°K

Minimum Illumination

MPx	Sensitivity	Color		Mono	
		33 ms	200 ms	33 ms	200 ms
5 MPx	f/1.3	0.05 lux	0.007 lux	0.04 lux	0.005 lux
2 MPx	f/1.3	0.03 lux	0.004 lux	0.02 lux	0.003 lux
1 MPx	f/1.3	0.03 lux	0.004 lux	0.02 lux	0.003 lux

LENS

Lens type

Not included, auto iris

AUDIO

Streaming

Bi-directional

Input

Line in

Encoding

G.711 A-law/G.711 U-law/G.726

TECHNICAL SPECIFICATIONS

VIDEO

Video Streams
Text Overlay

Up to three simultaneous streams; the second and third stream are variable based on the setup of the primary stream
Camera name, time, date, and customizable text with English and Chinese languages supported

Available Resolutions

MPx	Width	Height	Aspect Ratio	Frame Rate (ips)	
				2 MPx Models	5 MPx Models
5.0	2592	1944	4:3	N/A	0–30
4.9	2560	1920	4:3	N/A	0–30
3.7	2560	1440	16:9	N/A	0–30
3.1	2048	1536	4:3	N/A	0–60
3.0	2304	1296	16:9	N/A	0–60
2.0	1920	1080	16:9	0–30	0–60
2.0	1600	1200	4:3	0–30	0–60
1.3	1280	960	4:3	0–30	0–60
1.0	1280	720	16:9	0–30	0–60
0.6	1024	576	16:9	0–30	0–60
0.5	800	600	4:3	0–30	0–60
0.4	704	576	16:9	0–30	0–60
0.3	640	480	4:3	0–30	0–60
0.2	640	360	16:9	0–30	0–60
0.7	960	720	4:3	0–30	0–60
0.1	320	240	4:3	0–30	0–60

Video Encoding
Bit Rate Control
Corridor Mode
Window Blanking

H.264 High, Main, and Baseline profiles; H.265, and MJPEG
Constant bit rate (CBR), variable bit rate (VBR)
Electronic image flip and mirror: 90° and 270°
4 configurable windows

GENERAL

Construction
RAL Color
Unit Weight

Zinc alloy, aluminum alloy
Patone Cool Gray 7C

IXV12
IXV22
IXV52
Shipping Weight
IXV12
IXV22
IXV52

0.545 kg (1.20 lb)
0.545 kg (1.20 lb)
0.545 kg (1.20 lb)
0.69 kg (1.52 lb)
0.69 kg (1.52 lb)
0.69 kg (1.52 lb)

ELECTRICAL

Network Port
Power Input

RJ-45 connector for 100Base-TX
PoE (IEEE 802.3af, Class 3); 24 VAC± 10%,
12 VDC± 10%

BNC output
Power Consumption
IXV12
IXV22
IXV52

For installation purpose
1.68 W
1.68 W
3.36 W

Local Storage
Alarm
Input
Output
Triggers

Up to 128 GB on Micro SD card
1
1 relay (<24 V, 1 A)
Unsupervised mode

ENVIRONMENTAL

Operating Temperature
Operating Humidity

–20° to 55°C (–4° to 131°F)
10% to 90%, RH non-condensing

NETWORK

Supported Protocols

ARP, IPv4, IPv6, TCP/IP, UDP, RTP, RTSP, RTCP,
HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP,
PPPOE, SMTP, UPNP, IGMP, ONVIF, SNMP,
ICMP, SSH, IEEE 802.1x, SSL

Users

Unicast
Multicast

1 administrator, up to 20 viewers
Unlimited users H.264

Security Access

Multiple user access levels with password
protection

INTEGRATION

Video Management

VideoXpert;
Digital Sentry 7.3 (or later);
Third-party VMS through ONVIF Profile S and
Profile G and GB/T 28181

Analytics

Simple motion detection

Local Storage

Capture 1-, 5-, or 10-second video clips,
motion detection, or alarm input; record video
continuously in the case of network outage
with option to overwrite; access video
through FTP protocol and ONVIF Profile G

Camera Discovery
and Firmware

Discover cameras and upgrade firmware
using the Pelco VX Toolbox

Web Browser Support

Microsoft® Internet Explorer® 8.0

Multilingual User Interface

English, Thai, Spanish, Turkish, Russia,
Chinese

TECHNICAL SPECIFICATIONS

MODELS

Resolution	Model Number	Description
1 MPx	IXV12	Sarix Value 1 MPx Box Camera
2 MPx	IXV22	Sarix Value 2 MPx Box Camera
5 MPx	IXV52	Sarix Value 5 MPx Box Camera

CERTIFICATIONS*

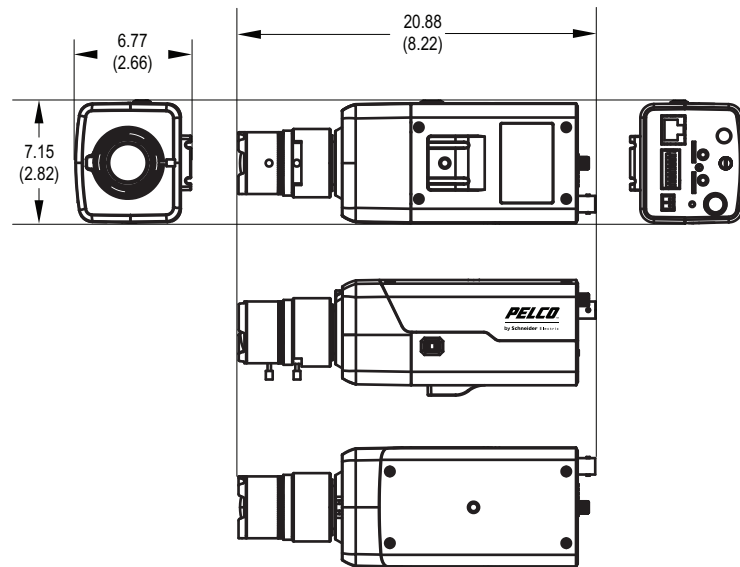
- CE
- FCC
- NOM
- EAC
- RoHS
- PSB
- BIS
- RCM
- UL/cUL Listed
- ICES-003
- ONVIF Profile S and Profile G conformant

*At the time of this publication, certifications are pending. Consult the factory or www.pelco.com for the current status of certifications.



VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS

SARIX VALUE IXV SERIES BOX CAMERAS



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