

Sarix Professional 4 Series Camera

2 MP

3 MP

5 MP

8 MP

5-YEAR WARRANTY

With security challenges becoming increasingly complex, it's more important than ever to future-proof your site. Enhance your security infrastructure with the cutting-edge Sarix Professional 4 Series camera designed to capture activity in high-definition. A clear understanding of what is happening on-site elicits more informed decisions, faster responses and produces necessary evidence to support any incident requiring further review. Obtain more accurate insights and reduce the risk of missing critical events utilizing a camera that produces impeccable imaging quality.



Features

CRYSTAL CLEAR EVIDENCE

Produce sharp video footage to enable greater analytic accuracy, so no detail goes unnoticed, with 2, 3, 5 and 8 MP options. The camera provides clear, detailed images, enabling better identification of individuals or incidences.

INFORMATIVE INSIGHTS

Reduce false alarm fatigue and enable faster responses with added Pelco Smart Analytics, powered by Motorola Solutions. Prevent threats from compromising your site by running on-camera AI analytics to automatically detect and classify both humans and vehicles.

BUILT FOR YOUR SITE

Avoid wasting time and resources ripping and replacing your existing infrastructure. The camera is built on an open system (ONVIF Profile S, G, T & M conformant) for straightforward installation and configuration.

LOW LIGHT VISIBILITY

Security threats are unpredictable. Decrease the chances of missing critical events without compromising image quality by adapting to environments with varying lighting conditions, using True Wide Dynamic Range (WDR) and Adaptive IR technology. Activate IR technology only when needed to optimize energy usage and savings.

PROTECT YOUR ASSETS

When it comes to security, there's no such thing as being overprotected. Have a piece of mind knowing that the TAA & NDAA-compliant, Sarix Professional 4 Series is equipped with Pelco's industry-leading 5-year warranty and an onboard Trusted Platform Module (TPM) and Secure Boot to enhance cybersecurity and reduce identity theft.

DEPLOY ANY TIME AT ANY PLACE

Available in both dome and bullet variants, choose a solution that works best for your environment. Outdoor models of the camera are IP66/67 and Type 4K rated with an IK10 rating for all models. Rain, sleet or shine, the camera is ready for the challenge.

For more information, visit the [Sarix Professional 4 Series webpage](#).

PELCO

Specifications

| Image Performance | | 2.0 MP | 3.0 MP | 5.0 MP | 8.0 MP (4K Ultra HD) |
|------------------------------------|------------------|--|---|---|--|
| Image Sensor | | 1/2.8" progressive scan CMOS | | | 1/1.8" CMOS |
| Imaging Area (H x V) | | 5.57 mm x 3.13 mm 0.219" x 0.123" | 5.18 mm x 3.89 mm 0.204" x 0.153" | 7.68 mm x 4.32 mm 0.302" x 0.170" | |
| Aspect Ratio | | 16:9 | 4:3 | 16:9 | |
| Dynamic Range | WDR Off | 83 dB | | | |
| | WDR On | 126 dB | 130 dB | | |
| Camera Operating Mode | | Full Feature/No Video Analytics | | Full Feature/No Video Analytics/High Framerate | |
| Max Frame Rate | | (50 Hz/60 Hz): 50 fps/60 fps | | (50 Hz/60 Hz): 25 fps/30 fps | |
| Streaming Resolutions ¹ | Primary Stream | 1920x1080, 1440x1080 | 2048x1536, 2048x1152, 1792x1344 | 2592x1944, 2560x1440, 2240x1680, 2560x1440, 1920x1080 | 3840x2160, 3200x1800, 2880x2160, 3072x1728, 2560x1920, 1920x1080 |
| | Secondary Stream | 1920x1080, 1440x1080, 1280x960, 1280x720, 960x720, 800x600, 768x432, 640x480, 640x360, 512x288, 384x288, 384x216 | 1760x1320, 1920x1080, 1600x1200, 1280x960, 1280x720, 960x720, 768x432, 640x480, 640x360, 512x384, 512x288, 384x288, 384x216 | 2560x1440, 1600x1200, 1440x1080, 1920x1080, 1280x960, 1280x720, 800x600, 768x432, 640x480, 640x360, 512x384, 512x288, 384x288, 368x264, 384x216 | 1920x1440, 1920x1080, 1600x1200, 1280x960, 1280x720, 800x600, 768x432, 640x480, 640x360, 512x384, 512x288, 384x288 |
| | Tertiary Stream | 640x360, 512x384, 512x288, 384x216 | 640x480, 640x360, 512x384, 384x288, 384x216 | 640x360, 512x384, 512x288, 384x288, 368x264, 384x216 | 640x360, 512x384 |
| Bandwidth Management | | Pelco Smart Compression technology; Idle scene mode | | | |
| 3D Noise Reduction Filter | | Supported | | | |
| Signal-to-Noise Ratio (SNR) | | > 50 dB | | | |

¹Available stream options may vary based on the combination of resolution and frame-rates selected for the individual streams, as well as the camera operating mode.

Lens and IR Illumination (Dome)

| | | 2.0 MP | 3.0 MP | 5.0 MP | 8.0 MP (4K Ultra HD) |
|---|--------------------|---|--|--------|--|
| IR Illumination Max Distance (high power 850 nm LEDs) | Indoor Dome | 30 m | | | N/A |
| | Environmental Dome | 40 m | | | |
| Minimum Illumination (at 33 ms shutter speed) | | With IR: 0 lux in monochrome mode; Without IR: 0.01 lux in color mode; 0.005 lux in monochrome mode | With IR: 0 lux in monochrome mode; Without IR: 0.04 lux in color mode; 0.02 lux in monochrome mode | | With IR: 0 lux in monochrome mode; Without IR: 0.02 lux in color mode; 0.01 lux in monochrome mode |
| Horizontal Angle of View | | 101° - 31° | 95° - 28° | | 103° - 47° |
| Vertical Angle of View | | 53° - 17° | 69° - 21° | | 54° - 26° |
| Max Aperture | | F1.6 | | | F1.3 |
| Lens Control | | Remote Zoom and Focus, Autofocus, IR Cut Filter | | | |

Lens and IR Illumination

(Bullet)

| | | 2.0 MP | 3.0 MP | 5.0 MP | 8.0 MP (4K Ultra HD) |
|---|---|---|--|--------|----------------------|
| IR Illumination Max Distance (high power 850 nm LEDs) | 3.4-10.5 mm | 50 m | | | N/A |
| | 10.9-29 mm | N/A | 60 m | | N/A |
| | 4.8-40.8 mm | N/A | 80 m | | N/A |
| | 4.4 - 9.3 mm | N/A | | | 50m |
| Minimum Illumination (at 33 ms shutter speed) | 3.4-10.5 mm | With IR: 0 lux in monochrome mode; Without IR: 0.01 lux in color mode; 0.005 lux in monochrome mode | With IR: 0 lux in monochrome mode; Without IR: 0.04 lux in color mode; 0.02 lux in monochrome mode | | N/A |
| | 10.9-29 mm | N/A | | | N/A |
| | 4.8-40.8 mm | N/A | | | N/A |
| | 4.4 - 9.3 mm | N/A | With IR: 0 lux in monochrome mode; Without IR: 0.02 lux in color mode; 0.01 lux in monochrome mode | | |
| Horizontal Angle of View | 3.4-10.5 mm | 101° - 31° | 95° - 28° | | N/A |
| | 10.9-29 mm | N/A | 28° - 10° | | N/A |
| | 4.8-40.8 mm | N/A | 57° - 7° | | N/A |
| | 4.4 - 9.3 mm | N/A | | | 103° - 47° |
| Vertical Angle of View | 3.4-10.5 mm | 53° - 17° | 69° - 21° | | N/A |
| | 10.9-29 mm | N/A | 21° - 7° | | N/A |
| | 4.8-40.8 mm | N/A | 44° - 5° | | N/A |
| | 4.4 - 9.3 mm | N/A | | | 54° - 26° |
| Max Aperture | 3.4-10.5 mm | F1.6 | | | N/A |
| | 10.9-29 mm | F1.7 | | | N/A |
| | 4.8-40.8 mm | F1.7 | | | N/A |
| | 4.4 - 9.3 mm | N/A | | | F1.3 |
| Lens Control | Remote Zoom and Focus, Autofocus, IR Cut Filter | | | | |

Image Control

| | |
|----------------------------|---|
| Image Compression Method | H.264, H.265, Motion JPEG, Pelco Smart Compression |
| Streaming | Multi-stream H.264, Multi-stream H.265, Motion JPEG |
| Motion Detection | Pixel motion: Selectable sensitivity and threshold. Classified object detection |
| Electronic Shutter Control | Automatic, Manual (1/7.5 to 1/30000 sec) |
| Day/Night Control | Automatic, Manual |
| Flicker Control | 50 Hz, 60 Hz |
| Iris Control | P-Iris |
| White Balance | Automatic, Manual |
| Backlight Compensation | Adjustable |
| Image Rotation | 0°, 90°, 180°, 270° including Corridor Mode |
| Privacy Zones | Up to 64 zones |
| Digital Defog | Adjustable/Off |

Network

| | |
|-----------------------------|---|
| Network | 100BASE-TX |
| Cabling Type | CAT5 or higher |
| Network | RJ45 Connector |
| ONVIF | ONVIF® compliance Profile S, Profile T, Profile G, and Profile M (www.onvif.org) |
| Security | Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication, FIPS 140-2 L1 (with optional camera license), onboard FIPS 140-2 L3 certified TPM, Secure Boot ¹ , Signed and encrypted firmware, CC EAL6+ |
| Protocols | IPv6, IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMPv3, ICMP, DHCP, Zeroconf, HSTS, FTP |
| Streaming Protocols | RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP, SRTP |
| Device Management Protocols | SNMP v2c, SNMP v3 |

¹Secure Boot is available on models manufactured after May 2023.

Peripherals

| | |
|-----------------|--|
| Onboard Storage | microSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended. 1.5 TB card tested. |
| USB Port | USB 2.0 |

Auxiliary I/O

| | |
|--------------------------|---|
| Audio Compression Method | G.711 PCM 8 kHz, Opus |
| Audio Input/Output | Line level I/O |
| External I/O Terminals | Alarm In, Alarm Out |
| Microphone (Indoor Dome) | Optional Microphone accessory sold separately for Indoor Dome Camera only |

Mechanical (Dome)

Surface Mount

In-Ceiling Mount

Pendant Mount

| | | | |
|------------------------|--|---|---|
| Dimensions | D 156 mm × H 116 mm; D 6.1" × H 4.6" | D 174 mm × H 165 mm; D 6.8" × H 6.5" | D 155 mm × H 169 mm; D 6.1" × H 6.7" |
| Weight | 0.81 kg | 0.80 kg | 1.07 kg |
| Max. Ceiling Thickness | N/A | 25 mm (1.0") | N/A |
| Dome Bubble | Polycarbonate | | |
| Body | Polycarbonate | | |
| Housing | Polycarbonate | | |
| Finish | Plastic, injection molded, Pantone 427C | | |
| Adjustment Range | 360° pan, 30°–95° tilt (recommended), 8°–95° tilt (maximum), ±180° azimuth | | |

Mechanical (Bullet)

3.4-10.5 mm

10.9-29 mm

4.4 - 9.3 mm

4.8-40.8 mm

| | | | |
|------------------------|-------------------------------------|--|--|
| Dimensions (L x W x H) | Camera with junction box | 294 mm × 126 mm × 104 mm; 11.6" × 5.0" × 4.1" | 312 mm × 126 mm × 104 mm; 12.3" × 5.0" × 4.1" |
| Weight | Camera | 1.31 kg | 1.35 kg |
| | Camera with junction box | 1.78 kg | 1.82 kg |
| Body | Aluminum | | |
| Housing | Aluminum | | |
| Finish | Powder coat, close to Pantone 427C | | |
| Adjustment Range | ±175° pan, ±90° tilt, ±175° azimuth | | |

Electrical

| | | |
|--------------------------|--|---|
| Power Source | PoE: IEEE 802.3af Class 3 compliant, 12VDC Aux | |
| IR Illuminator Behaviour | Dome | IR illuminator will turn off if the temperature is 60°C (140°F) or higher. The illuminator will operate at 50% power if the temperature is between 40°C (104°F) and 52 °C (117°F). Hysteresis: 2°C (3.6°F). |
| | Bullet | IR illuminator will turn off if the temperature is 60°C (140°F) or higher. |
| RTC Battery Backup | 3V manganese lithium | |
| PoE | Indoor Dome | 10 W max (8 W with no IR or IR disabled) |
| | Environmental Dome | 13 W max (8 W with no IR or IR disabled) |
| | Bullet | 13 W max |
| Memory | 1GB RAM, 512MB Flash | |

Environmental

Indoor Dome

Environmental Dome

Bullet

| | | | |
|------------------------------|--|---------------------------------|---------------------------------|
| Operating Temperature | -10°C to +60°C (14°F to 140°F) | -40°C to +60°C (-40°F to 140°F) | -40°C to +60°C (-40°F to 140°F) |
| Storage Temperature | -10°C to +70°C (14°F to 158°F) | | |
| Absolute Maximum Temperature | 74°C (165°F) per NEMA TS2 (Temp.) para 2.2.7.2 - 2.2.7.7 | | |
| Humidity | 0 - 95% non-condensing | | |

Certifications

Indoor Dome

Environmental Dome

Bullet

| | | | |
|---------------------------|--|---|---|
| Certifications/Approvals | UL, cUL, CE, UKCA, ROHS, RCM, NOM, KC, BIS, BSMI | | |
| Safety | UL/CSA/EN/IEC 62368-1, IEC 62471 | | |
| Environmental | IEC/EN 62262 Impact (IK 10), IEC 60529 IP52 rating | IEC/EN 62262 (IK 10), IEC 60529 IP66, IP67 rating, Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27 | IEC/EN 62262 (IK 10), IEC 60529 IP66, IP67 rating, Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27 |
| Electromagnetic Emissions | FCC Part 15 Subpart B (Class B), IC ICES-003 (Class B), EN 55032 (Class B), EN 61000-6-3, EN 61000-3-2, EN 61000-3-3 | | |
| Electromagnetic Immunity | EN 55035, EN 61000-6-1, EN 50130-4, EN 50121-4 | | |
| Warranty | 5-year warranty | | |

Analytics Specifications

Supported Analytics Events

| | |
|-------------------------------|--|
| Objects in Area | The event is triggered when the selected object type moves into the region of interest. |
| Object Loitering | The event is triggered when the selected object type moves into the region of interest and then stays for an extended amount of time. |
| Objects Crossing Beam | The event is triggered when the specified number of objects have crossed the directional beam that is configured over the camera's field of view. The beam can be unidirectional or bidirectional. |
| Object Appears or Enters Area | The event is triggered by each object that enters the region of interest. This event can be used to count objects. |
| Object Not Present in Area | The event is triggered when no objects are present in the region of interest. |
| Objects Enter Area | The event is triggered when the specified number of objects have entered the region of interest. |
| Objects Leave Area | The event is triggered when the specified number of objects have left the region of interest. |
| Object Stops in Area | The event is triggered when an object moves into a region of interest and then stops moving for the specified threshold time. |
| Object Too Close | The event is triggered when two objects are too close together, based on the specified distance set for the event. |
| Object Abandoned | The event is triggered when an object is abandoned by a person in the region of interest. |
| Object Removed | The event is triggered when an object is removed by a person from the region of interest. |
| Direction Violated | The event is triggered when an object moves in the prohibited direction of travel. |
| Tamper Detection | The event is triggered when the scene unexpectedly changes. |

Supported Classified Object Types

| | |
|------------------------------|--------------------|
| Object Types in Outdoor Mode | Person and Vehicle |
| Object Types in Indoor Mode | Person |

Analytics capabilities, including detection range, may vary by camera line. Please consult the Pelco Smart Analytics Design Guide for details specific to the Sarix Professional 4 Series.

Pelco Elevate Supported Features

| | |
|--|--|
| Image Health | Detects incremental changes in the cameras view, such as position shifts or obstructions. Notifies users through ONVIF conformant events and summarized email reports. |
| Firmware Management | Schedule and deploy automatic firmware updates to multiple cameras, or update individual cameras on-demand. |
| Personal Protective Equipment ⁴ | Triggers an ONVIF event if a is detected without hardhat and/or high-visibility vest in the scene. |

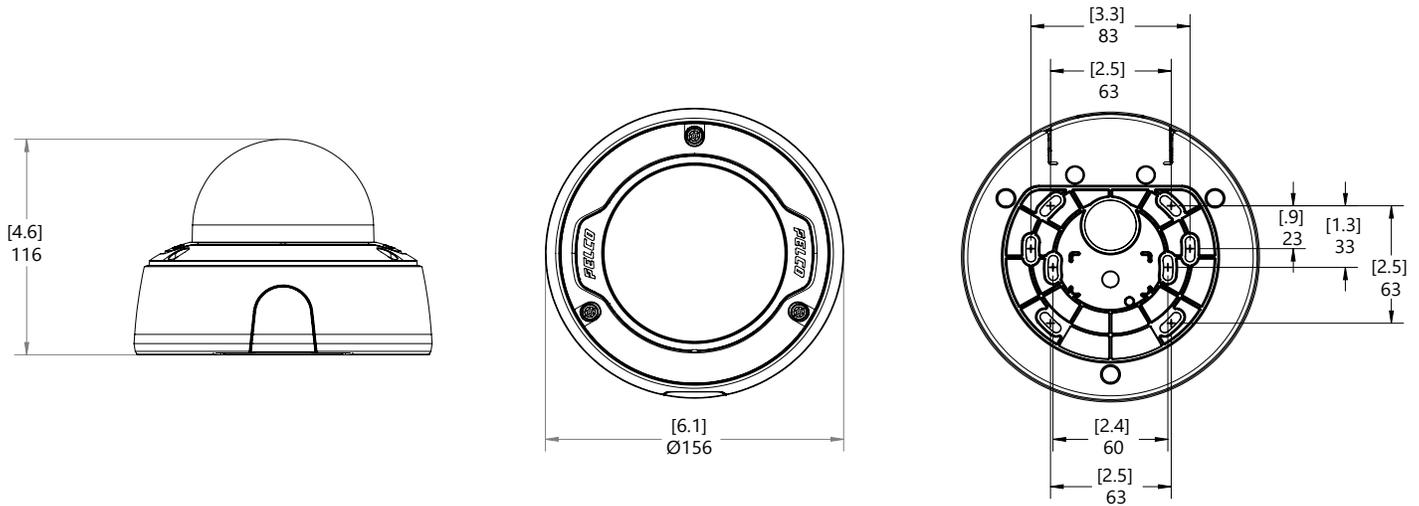
⁴ Optional add-on license required.

Outline Dimensions

| | |
|--------|--------|
| [X.XX] | INCHES |
| X.X | MM |

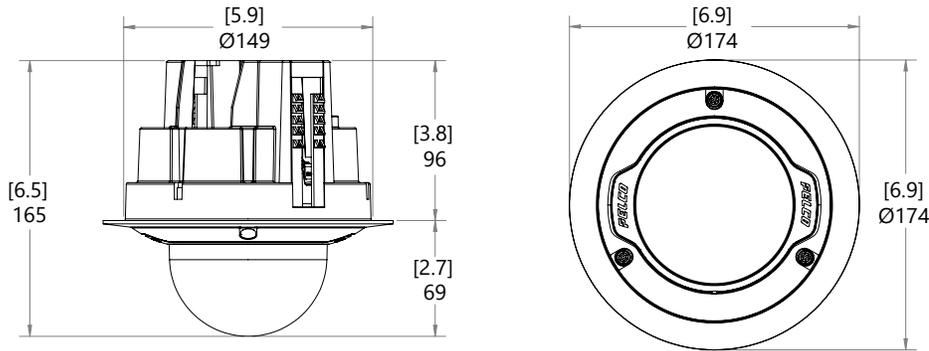
Dome Camera with Surface Mount

(SRXP4 Dome Camera + Provided Surface Mount)



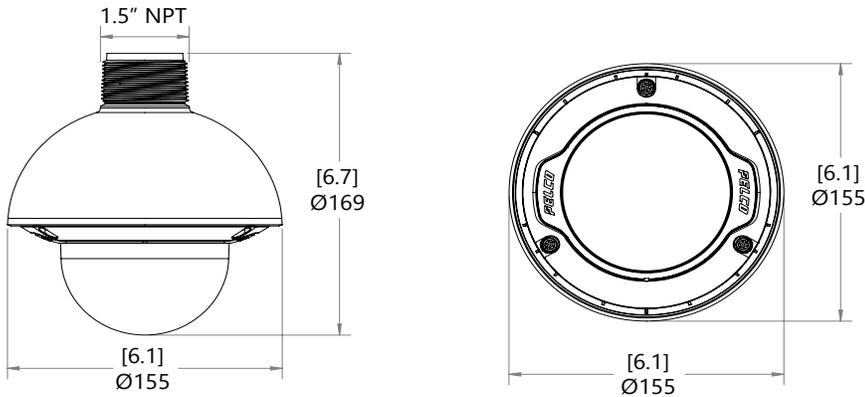
Dome Camera with In-ceiling Mount

(SRXP4 Dome Camera + SLSPCIL-1001)



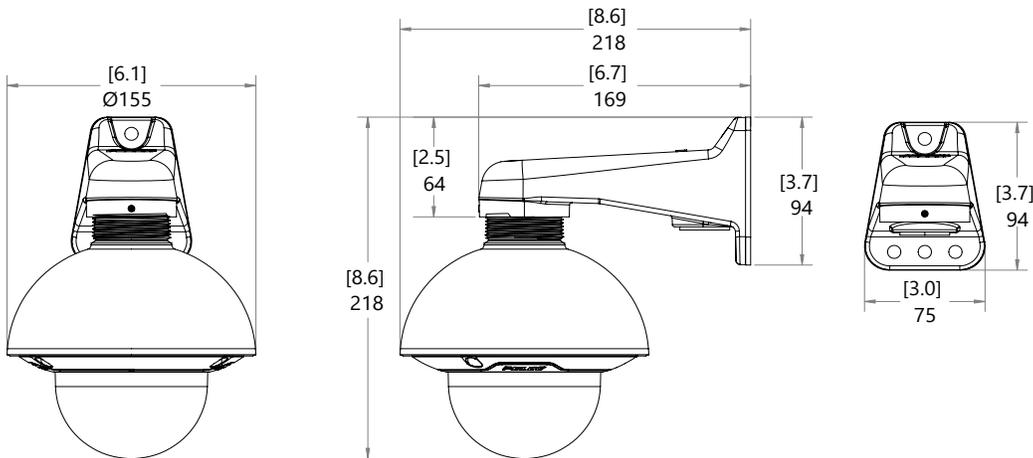
Dome Camera with NPT Adapter

(SRXP4 Dome Camera + SRXP4-PM-1E)



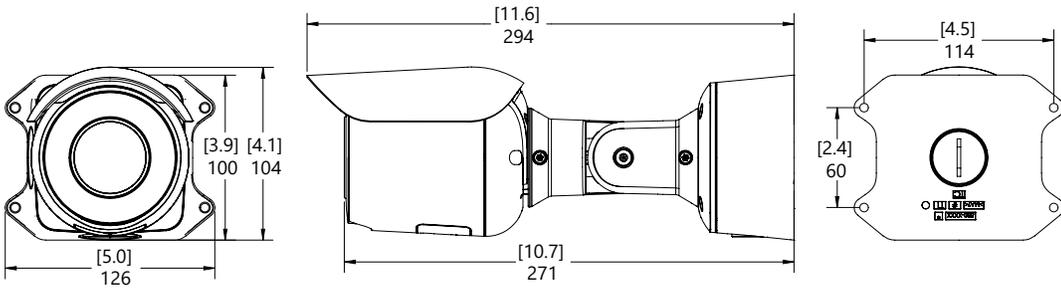
Dome Camera with NPT Adapter and Pendant Wall Mount

(SRXP4 Dome Camera + SRXP4-PM-1E + WLMT-1021)

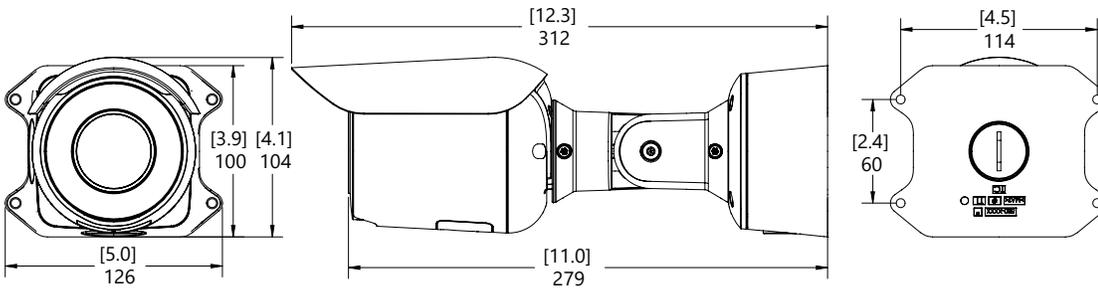


Bullet Camera

(3.4-10.5 mm & 10.9-29 mm)

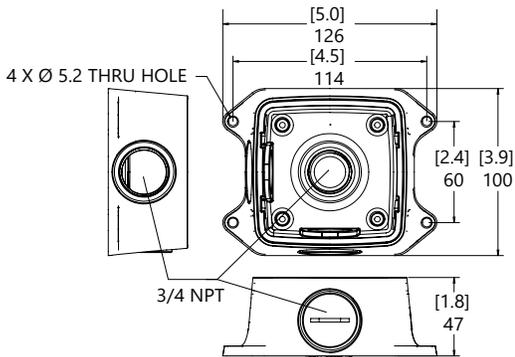


(4.8-40.8 mm)



Bullet Junction Box

(Provided With Camera)



Ordering Information

Bullet Camera

| Model Number | MP | WDR | Analytics | Lens | IR | IP66/IP67, Type4x | Smart Compression | SureVision Technology |
|-------------------|-----|-----|-----------|-------------|----|----------------------|----------------------|--------------------------|
| SRXP4-2V10-EBT-IR | 2.0 | ✓ | ✓ | 3.4-10.5 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-3V10-EBT-IR | 3.0 | ✓ | ✓ | 3.4-10.5 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-3V29-EBT-IR | 3.0 | ✓ | ✓ | 10.9-29 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-3V40-EBT-IR | 3.0 | ✓ | ✓ | 4.8-40.8 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-5V10-EBT-IR | 5.0 | ✓ | ✓ | 3.4-10.5 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-5V29-EBT-IR | 5.0 | ✓ | ✓ | 10.9-29 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-5V40-EBT-IR | 5.0 | ✓ | ✓ | 4.8-40.8 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-8V9-EBT-IR | 8.0 | ✓ | ✓ | 4.4-9.3 mm | ✓ | ✓ | ✓ | ✓ |

Dome Camera

| Model Number | MP | WDR | Analytics | Lens | IR | IP66/IP67, Type4x | Smart Compression | SureVision Technology |
|-------------------|-----|-----|-----------|-------------|----|----------------------|----------------------|--------------------------|
| SRXP4-2V10-IMD | 2.0 | ✓ | ✓ | 3.4-10.5 mm | | | ✓ | ✓ |
| SRXP4-2V10-IMD-IR | 2.0 | ✓ | ✓ | 3.4-10.5 mm | ✓ | | ✓ | ✓ |
| SRXP4-2V10-EMD | 2.0 | ✓ | ✓ | 3.4-10.5 mm | | ✓ | ✓ | ✓ |
| SRXP4-2V10-EMD-IR | 2.0 | ✓ | ✓ | 3.4-10.5 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-3V10-IMD | 3.0 | ✓ | ✓ | 3.4-10.5 mm | | | ✓ | ✓ |
| SRXP4-3V10-IMD-IR | 3.0 | ✓ | ✓ | 3.4-10.5 mm | ✓ | | ✓ | ✓ |
| SRXP4-3V10-EMD | 3.0 | ✓ | ✓ | 3.4-10.5 mm | | ✓ | ✓ | ✓ |
| SRXP4-3V10-EMD-IR | 3.0 | ✓ | ✓ | 3.4-10.5 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-5V10-IMD | 5.0 | ✓ | ✓ | 3.4-10.5 mm | | | ✓ | ✓ |
| SRXP4-5V10-IMD-IR | 5.0 | ✓ | ✓ | 3.4-10.5 mm | ✓ | | ✓ | ✓ |
| SRXP4-5V10-EMD | 5.0 | ✓ | ✓ | 3.4-10.5 mm | | ✓ | ✓ | ✓ |
| SRXP4-5V10-EMD-IR | 5.0 | ✓ | ✓ | 3.4-10.5 mm | ✓ | ✓ | ✓ | ✓ |
| SRXP4-8V9-EMD-IR | 8.0 | ✓ | ✓ | 4.4-9.3 mm | ✓ | ✓ | ✓ | ✓ |

Accessories

| Part Number | Description |
|-----------------|--|
| WLMT-1021 | Wall Mount Arm for 1.5" NPT Pendant |
| USB-AC56-NA-MSI | USB WiFi Adapter Install Kit (North America) |
| USB-AC56-EU-MSI | USB WiFi Adapter Install Kit (Europe) |
| SLSPCIL-1001 | In-ceiling mounting adapter for Sarix Pro 4 Dome Camera |
| SRXP4-PM-1E | Pendant NPT adapter for Sarix Pro 4 Dome Camera |
| DCLPNL-1001 | Metal ceiling panel for suspended ceiling installations |
| SRXP4-DMSLD | Weathershield for Sarix Pro 4 Dome Camera |
| ACMICR-1001 | Microphone accessory for Indoor Sarix Pro 4 Dome Camera |
| SRXP4-LD-1E | Clear lower dome for Sarix Pro 4 Environmental Dome Camera |
| SRXP4-LD-0E | Smoked lower dome for Sarix Pro 4 Environmental Dome Camera |
| SRXP4-LD-1I | Clear lower dome for Sarix Pro 4 Indoor Dome Camera |
| SRXP4-LD-0I | Smoked lower dome for Sarix Pro 4 Indoor Dome Camera |
| CNCVR-1001 | Adapter 3/4 inch conduit for Sarix Pro 4 Dome Camera, 5-pack |
| CAM-FIPS | Camera license to enable FIPS Level 1 cryptographic mode |
| CRNMT-1001 | Corner Mount Adapter for WLMT-1021 and Pro 4 Bullet Camera |
| PLMT-1001 | Pole Mount Adapter for WLMT-1021 and Pro 4 Bullet Camera |

Support

Learn more and find additional documentation at pelco.com or email support@pelco.com for specific product support.

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