# EXHIBIT A-1
# SOLE SOURCE FACILITY JUSTIFICATION TRANSMITTAL

Public Contract Code section 3400 provides, in pertinent part, that:

"(a) The Legislature finds and declares that it is the intent of this section to encourage contractors and manufacturers to develop and implement new and ingenious materials, products, and services that function as well, in all essential respects, as materials, products, and services that are required by a contract, but at a lower cost to taxpayers.

(b) No agency of the state, nor any political subdivision, municipal corporation, or district, nor any public officer or person charged with the letting of contracts for the construction, alteration, or repair of public works, shall draft or cause to be drafted specifications for bids, in connection with the construction, alteration, or repair of public works, (1) in a manner that limits the bidding, directly or indirectly, to any one specific concern, or (2) calling for a designated material, product, thing, or service by specific brand or trade name unless the specification is followed by the words "or equal" so that bidders may furnish any equal material, product, thing, or service. In applying this section, the specifying agency shall, if aware of an equal product manufactured in this state, name that product in the specification. Specifications shall provide a period of time prior to or after, or prior to and after, the award of the contract for submission of data substantiating a request for a substitution of "an equal" item. If no time period is specified, data may be submitted any time within 35 days after the award of the contract.

(c) Subdivision (b) is not applicable if the awarding authority, or its designee, makes a finding that is described in the invitation for bids or request for proposals that a particular material, product, thing, or service is designated by specific brand or trade name for any of the following purposes:

(2) In order to match other products in use on a particular public improvement either completed or in the course of completion."

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**Axis Digital Video Camera**

This is a sole source procurement because:

- ☐ This is a sole provider of a licensed, copyrighted or patented good or service.
- ☑ This is a sole provider of items compatible with existing equipment or systems.
- ☐ This is a sole provider of factory-authorized warranty service.
- ☑ This is a sole provider of goods or services that perform a unique function in order to meet the specialized needs of the District. Please provide specific detail below.

The Axis Digital Video Camera comes highly recommended by numerous security consultants and extensive District staff research of other facilities throughout the country.

- ☑ There are overriding circumstances upon with the Board can find that the exception found in Public Contract Code section 3400 (c) (2) applies to the identified product(s). Please provide specific detail below as to what those circumstances are, and why this sole source procurement would be in the best interest of the District.

There are numerous video camera options on the market; however the Axis model cameras offer the following advanced benefits:

- Camera reliability, flexible features and cost-effective solution fit the District's security surveillance needs
- This model camera has a much higher market share than its competitors which improves availability, support and service
- Models provide multi-directional surveillance in large indoor and outdoor areas
- Adjustable tilt angle and field of view lenses
- Additional cost to research other brands of cameras would require additional staff research, consultant input and field trips to facilities that have them in use

**What steps were taken to verify that these goods or services are not available elsewhere?**

Over a year of District team research at various facilities across the country as well as recommendations from the District's security consultants

**See Supplier and Contractor Information Page Below For Contact Details.**

**This is a restricted brand or trade name, and no substitutions are allowed because:**

☐ The requested product is an integral repair part or accessory compatible with existing equipment or systems.

Existing Equipment/System: Digital Video Camera
Manufacturer/Model Number: Axis, Various Model #s

☐ The District has standardized on the requested product, and use of another brand/model would require considerable time and funding to evaluate or implement. Please provide additional detail below.

Over the last few years, the District has done extensive research on surveillance cameras at other facilities across the country. Based on the District's research and the advice of our security and network consultants, the Axis cameras are preferred.

**Supplier or Contractor Information:**

Axis Communications
West Coast Office & Axis Experience Center
18101 Von Karman Avenue
Irvine, CA 92612

(800) 444-2947

**RECOMMENDATION**

Sufficient evidence has been provided upon which the Board can find that the exception found in Public Contract Code section 3400 (c) (2) applies to the identified product(s). Approve a finding to authorize use of the above stated exception for Axis Digital Video Cameras in the MiraCosta Design Standards Manual for all the projects in the MM program. Require that said finding be included in all pertinent bid/proposal documents for those projects where such product(s) will be used.

**SIGNATURE:**

| | |
|---|---|
| **Tom Macias, Facilities Director** | 2/5/19<br>**Date** |
| **Geoff Bachanas, PMO Director** | 2/4/19<br>**Date** |

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# EXHIBIT B-1
# SOLE SOURCE ARCHITECT/ENGINEERING JUSTIFICATION SUMMARY EPORT TRANSMITTAL

February 27, 2019

Re: Axis Digital Video Cameras

Within the Design & Construction Standards MiraCosta CCD has identified or designed various proprietary systems or products that meet specific District performance requirements, allow for seamless integration into existing systems, provide ease of maintenance, and afford a lower total cost of ownership. In these instances, the District is requesting that these systems and products shall be provided without substitution. The following Specification Section 28 46 00 is one that meets these special requirements.

Our experience working with other Colleges and Universities shows that single sources for some materials, products, equipment, and systems is a common approach to achieving best value.

We have reviewed the facility justification transmittal for the above-referenced item and believe that the District's sole-sourcing of this specification section meets the requirements for District's benefit as described above.

Sincerely,

Joe Sion
Associate Principal/Senior Manager

# AXIS P3707-PE Network Camera

## Flexible, 360° multisensor camera

AXIS P3707-PE Network Camera is an 8-megapixel multisensor fixed camera with four varifocal lenses that enable overview and detailed surveillance. With one IP address, one network cable, PoE support, IP66 and IP67 ratings, the four-camera-in-one unit provides a flexible, cost-effective solution for multidirectional surveillance in large indoor and outdoor areas, and at the intersection of hallways and roads. Each camera head can be moved along a circular track. The tilt angle and the field of view of each lens are adjustable, and each camera head can rotate to support Axis' Corridor Format. The specially designed clear cover, with no sharp edges, ensures undistorted views in all directions.

- > 8 MP, 360° multisensor camera, one IP address
- > Flexible positioning of four varifocal camera heads
- > 1080p videos at 12.5/15 fps; 720p videos at 25/30 fps; quad view stream
- > Axis' Zipstream technology

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# EXHIBIT B-1
# SOLE SOURCE ARCHITECT/ENGINEERING JUSTIFICATION SUMMARY EPORT TRANSMITTAL

February 27, 2019

Re: Axis Digital Video Cameras

Within the Design & Construction Standards MiraCosta CCD has identified or designed various proprietary systems or products that meet specific District performance requirements, allow for seamless integration into existing systems, provide ease of maintenance, and afford a lower total cost of ownership. In these instances, the District is requesting that these systems and products shall be provided without substitution. The following Specification Section 28 46 00 is one that meets these special requirements.

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Sincerely,

Joe Sion
Associate Principal/Senior Manager

# AXIS P3707-PE Network Camera

| | |
|---|---|
| **Camera** | |
| **Image sensor** | 4 x 1/2.8" progressive scan RGB CMOS |
| **Lens** | Varifocal, 2.8–6 mm, F2.0<br>4x1080p capture mode:<br>Horizontal field of view: 108°–54°<br>Vertical field of view: 57°–30°<br>4xHDTV 720p capture mode:<br>Horizontal field of view: 67°–36°<br>Vertical field of view: 37°–20°<br>Adjustable focus and zoom, fixed iris |
| **Minimum illumination** | Color: 0.3 lux, F2.0 |
| **Shutter time** | 720p: 1/28000 s to 2 s<br>1080p: 1/22500 s to 2 s |
| **Video** | |
| **Video compression** | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG |
| **Resolution** | 4 x 1920x1080 (1080p) to 160x90<br>Quad view 1920x1440 to 480x270 |
| **Frame rate** | Up to 25/30 fps (50/60 Hz) with 720p capture mode<br>Up to 12.5/15 fps (50/60 Hz) with 1080p capture mode |
| **Video streaming** | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Axis Zipstream technology in H.264<br>Controllable frame rate and bandwidth<br>VBR/MBR H.264 |
| **Image settings** | Color, brightness, sharpness, contrast, white balance, exposure control, exposure zone, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270° including Corridor Format, text and image overlay, privacy mask, Local contrast |
| **Camera angle adjustment** | Pan ±90°<br>Tilt 28°–92°<br>Rotate ±90° |
| **Network** | |
| **IP address** | One IP address for all channels |
| **Security** | Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, digest authentication, user access log, centralized certificate management |
| **Supported protocols** | IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH |
| **System integration** | |
| **Application Programming Interface** | Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *www.axis.com*<br>AXIS Video Hosting System (AVHS) with One-Click Connection<br>ONVIF® Profile S and ONVIF® Profile G, specification at *www.onvif.org* |
| **Analytics** | Included<br>AXIS Video Motion Detection, active tampering alarm<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap* |
| **Event triggers** | Analytics, edge storage events |
| **Event actions** | Overlay text, pre- and post-alarm video buffering, video recording to edge storage, SNMP trap<br>File upload: FTP, SFTP, HTTP, HTTPS network share and email<br>Notification: email, HTTP, HTTPS and TCP |
| **Data streaming** | Event data |
| **Built-in installation aids** | Pixel counter |
| **General** | |
| **Casing** | IP66-, IP67-, NEMA 4X- and IK09-rated<br>Die-casted aluminum, polycarbonate dome |
| **Sustainability** | PVC free |
| **Memory** | 1 GB RAM, 256 MB Flash |
| **Power** | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2<br>Typical 4.8 W, max 5.5 W |
| **Connectors** | RJ45 10BASE-T/100BASE-TX PoE |
| **Storage** | Support for microSD/microSDHC/microSDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see *www.axis.com* |
| **Operating conditions** | -30 °C to 60 °C (-22 °F to 140 °F)<br>Humidity 10–100% RH (condensing) |
| **Storage conditions** | -40 °C to 65 °C (-40 °F to 149 °F) |
| **Approvals** | EMC<br>EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A+B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35, EN 50121-4, IEC 62236-4<br>Safety<br>IEC/EN/UL 60950-1, IEC/EN/UL 60950-22<br>Environment<br>IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC/EN 62262 IK09, IEC/EN 60529 IP66/IP67, NEMA 250 Type 4X |
| **Dimensions** | Diameter: ø 270 mm (10 5/8 in), Height: 91.5 mm (3 5/8 in) |
| **Weight** | 2.2 kg (4.9 lb) |
| **Included accessories** | RJ45 mounting tool, Installation Guide, Windows decoder 1-user license |
| **Optional accessories** | AXIS T8415 Wireless Installation Tool, AXIS T94M02D Pendant Kit including weather shield, AXIS P3707-PE Clear Dome Kit, AXIS T91 Mounting Accessories, AXIS T8120 15 W Midspan 1-port<br>For more accessories, see *www.axis.com* |
| **Video management software** | AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/techsup/software* |
| **Languages** | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| **Warranty** | Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty* |

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

**Environmental responsibility:**

www.axis.com/environmental-responsibility

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# AXIS M3046-V

## Multi-megapixel fixed mini dome with HDMI and wide view

AXIS M3046-V is an affordably priced dome that provides up to 4 MP video. WDR ensures visible details both in dark and bright areas. HDMI support enables live streaming to a public viewing monitor. AXIS M3046-V provides a wide field of view that can e.g. cover a whole store from a corner, from the product shelves under the camera up to the ceiling. Alternatively, thanks to its digital PTZ capability, the camera can deliver cropped out views, e.g. in HDTV 1080p, with variable field of view. No manual focusing is needed since the camera comes factory-focused.

- > Ultra-compact, vandal- and dust-resistant design
- > Two lens options: 2.4 mm or 1.8 mm
- > HDMI support enables streaming to a monitor
- > Axis Zipstream technology for reduced bandwidth and storage
- > Axis Corridor Format & 3-axis camera angle adjustment

# AXIS M3046-V

| | |
|---|---|
| **Models** | AXIS M3046-V 2.4 mm<br>AXIS M3046-V 1.8 mm |
| **Camera** | |
| **Image sensor** | 1/3" progressive scan RGB CMOS |
| **Lens** | M12 mount, fixed iris, fixed focus<br>**2.4 mm:** F2.2<br>Horizontal field of view: 128°<br>Vertical field of view: 72°<br>**1.8 mm:** F2.4<br>**4:3 aspect ratio:** Horizontal field of view: 132°, vertical field of view: 96°<br>**16:9 aspect ratio:** Horizontal field of view: 152°, vertical field of view: 80° |
| **Light sensitivity** | **2.4 mm:** 0.3 lux at 50 IRE F2.2<br>**1.8 mm:** 0.35 lux at 50 IRE F2.4 |
| **Shutter time** | 1/32500 s to 1/5 s |
| **Camera angle adjustment** | Pan: ±177°<br>Tilt: ±65°<br>Rotation: ±176°<br>Can be directed in any direction and see the wall/ceiling |
| **Video** | |
| **Video compression** | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG |
| **Resolution** | **2.4 mm:** 2688x1520 to 320x240<br>**1.8 mm:** 2304x1296 to 640x360 (16:9) or 2016x1512 to 320x240 (4:3) |
| **Frame rate** | 25/30 fps with power line frequency 50/60 Hz |
| **Video streaming** | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Axis Zipstream technology in H.264<br>Controllable frame rate and bandwidth<br>VBR/MBR H.264<br>HDMI |
| **Multi-view streaming** | Up to 2 individually cropped out view areas in full frame rate |
| **Pan/Tilt/Zoom** | Digital PTZ |
| **HDMI output** | HDMI 1080p@25/30 fps (50/60 Hz)<br>HDMI 1080i@50/60 fps (50/60 Hz)<br>HDMI 720p@50/60 fps (50/60 Hz)<br>HDMI 720p@25/30 fps (50/60 Hz) |
| **Image settings** | Compression, color, brightness, sharpness, contrast, white balance, exposure control, WDR, text and image overlay, mirroring of images, privacy mask<br>Rotation: 0°, 90°, 180°, 270°, including Corridor Format |
| **Network** | |
| **Security** | Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, digest authentication, user access log, centralized certificate management |
| **Supported protocols** | IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, HDMI 1.4b, LLDP |
| **System integration** | |
| **Application Programming Interface** | Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *www.axis.com*<br>AXIS Video Hosting System (AVHS) with One-Click Connection<br>ONVIF® Profile S and ONVIF® Profile G, specification at *onvif.org* |
| **Analytics** | **Included**<br>AXIS Video Motion Detection, active tampering alarm<br>**Supported**<br>AXIS Digital Autotracking, AXIS Fence Guard, AXIS Motion Guard, AXIS Loitering Guard, AXIS People Counter, AXIS Queue Monitor, AXIS Occupancy Estimator, AXIS Direction Detector, AXIS Tailgating Detector, AXIS Random Selector<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap* |
| **Event triggers** | Analytics, edge storage events<br>Virtual inputs through API |
| **Event actions** | File upload: FTP, SFTP, HTTP, HTTPS network share and email<br>Notification: email, HTTP, HTTPS and TCP and SNMP trap<br>Video recording to edge storage<br>Send video clip<br>Pre- and post-alarm video buffering<br>Overlay text |
| **Data streaming** | Event data |
| **Built-in installation aids** | Pixel counter |
| **General** | |
| **Casing** | IP42 water- and dust-resistant (to comply with IP42, follow Installation Guide), IK08 impact-resistant, polycarbonate/ABS casing<br>Encapsulated electronics, captive screws (Torx® 10)<br>Color: white NCS S 1002-B<br>For repainting of casing, remove the transparent dome. Contact your Axis partner for repainting instructions and impact on warranty. |
| **Sustainability** | PVC free, 55% recycled plastics |
| **Memory** | 512 MB RAM, 256 MB Flash |
| **Power** | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 1<br>Typical 2.8 W, max 3.2 W |
| **Connectors** | RJ45 10BASE-T/100BASE-TX PoE[b]<br>HDMI Type D[b] |
| **Storage** | Support for microSD/microSDHC/microSDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For memory card and NAS recommendations see *www.axis.com* |
| **Operating conditions** | 0 °C to 40 °C (32 °F to 104 °F)<br>Humidity 15-85% RH (non-condensing) |
| **Storage conditions** | -40 °C to 65 °C (-40 °F to 149 °F) |
| **Approvals** | EMC<br>EN 55032 Class B, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35<br>Safety<br>IEC/EN/UL 60950-1<br>Environment<br>IEC/EN 60529 IP42, IEC/EN 62262 Class IK08, RoHS, WEEE |
| **Dimensions** | Height: 56 mm (2.2 in)<br>ø 101 mm (4.0 in) |
| **Weight** | 180 g (0.40 lb) |
| **Included accessories** | Installation Guide<br>Windows decoder 1-user license<br>Torx® L-key |
| **Optional accessories** | AXIS T94B02D Pendant kit<br>AXIS T94B02L Recessed mount<br>AXIS T94B01P Conduit back box<br>AXIS T94B02M J-Box/Gang box plate<br>View protection<br>Black casing<br>Smoked dome<br>Axis Mounts<br>AXIS Surveillance microSDXC™ Card<br>For more accessories see *www.axis.com* |
| **Video management software** | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/vms* |
| **Languages** | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| **Warranty** | Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty* |

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (eay@cryptsoft.com).*
b. *Make sure that the cable has a slim connector plug*

# AXIS Q3708-PVE Network Camera

## 180 overview in challenging light conditions

AXIS Q3708-PVE is a fixed dome with multiple sensors, providing an easy, reliable and cost-efficient one-camera installation. With WDR – Forensic Capture and excellent light sensitivity, it covers large areas even in challenging light conditions. Its three sensors together give a 180. panoramic view with smooth capture of movements at up to 30 fps in 3 × Quad HD or 20 fps in 3 × 5 MP resolution. The camera's factory-focused lenses eliminate the need for manual focusing. It is effectively installed indoors or outdoors with a wide operating temperature range powered by standard PoE+. AXIS Q3708-PVE comes with a repaintable weather shield.

- 180 panoramic overview
- Three sensors, one IP address
- Enhanced light sensitivity and WDR – Forensic Capture
- 3 x Quad HD at 30 fps or up to 15 MP at 20 fps
- Axis' Zipstream technology

# AXIS Q3708-PVE Network Camera

1525421/EN/M2.2/022017

## Camera

| | |
|---|---|
| Image sensor | 3 x 1/1.8" progressive scan CMOS |
| Lens | 3 x lenses, fixed focus, 5.0 mm, F2.8<br>Combined horizontal angle of view: 180° |
| Day and night | Automatically removable infrared-cut filter |
| Minimum illumination | Color: 0.3 lux, F2.8<br>B/W: 0.06 lux, F2.8 |
| Shutter time | 1/71500 s to 1 s |
| Camera angle adjustment | Pan +/- 180°<br>Tilt 18°–75° |

## Video

| | |
|---|---|
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG |
| Resolutions | 3 x (2560x1920 to 480x270) |
| Frame rate | 3 x Quad HD (2560x1440): Up to 25/30 fps with power line frequency 50/60 Hz<br>3 x 5 MP: Up to 16/20 fps with power line frequency 50/60 Hz |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Controllable frame rate and bandwidth<br>VBR/CBR H.264<br>Axis' Zipstream technology in H.264 |
| Image settings | Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Fine tuning of behavior at low light, Text and Image overlay, Privacy mask, Capture alignment<br>WDR – forensic capture: Up to 110 dB depending on scene |

## Network

| | |
|---|---|
| Security | Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized Certificate Management |
| Supported protocols | IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH |

## System integration

| | |
|---|---|
| Application Programming Interface | Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *www.axis.com*<br>ONVIF Profile S, specification at *www.onvif.org* |
| Analytics | AXIS Video Motion Detection 3, Active tampering alarm<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap* |
| Event triggers | Analytics, Edge storage events |
| Event actions | File upload: FTP, SFTP, HTTP, HTTPS, network share and email<br>Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>Video recording to edge storage<br>Pre- and post-alarm video buffering<br>Overlay text |
| Built-in installation aids | Pixel counter |

## General

| | |
|---|---|
| Casing | IP66- and NEMA 4X-rated, IK10 impact-resistant aluminum casing with transparent, polycarbonate cover and dehumidifying membrane<br>Encapsulated electronics<br>Captive screws (T30)<br>Color: White NCS 1002-B<br>For repainting instructions and impact on warranty contact your Axis partner. |
| Sustainability | PVC free |
| Memory | 2.5 GB RAM, 512 MB Flash |
| Power | Power over Ethernet IEEE 802.3at Type 2 Class 4, max. 25.5 W, typical 18.3 W |
| Connectors | RJ45 10BASE-T/100BASE-TX/1000BASE-T |
| Storage | Support for recording to dedicated network-attached storage (NAS) |
| Operating conditions | -40 °C to 55 °C (-40 °F to 131 °F)<br>Humidity 10–100% RH (condensing) |
| Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F) |
| Approvals | EN 55022 Class A, EN 50121-4, IEC62236-4, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A, KCC KN32 Class A, KN35, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, EN 50581, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-30, IEC 60068-2-78, IEC/EN 62262 IK10 |
| Dimensions | 205 x 205 x 172 mm (8.1 x 8.1 x 6.8 in) |
| Weight | 2.5 kg (5.5 lb) including weather shield |
| Included accessories | RJ45 Push-pull connector (IP66), Torx L-key T30, Weather shield, Installation Guide, Windows decoder 1-user license |
| Optional accessories | Axis Mounts<br>AXIS PoE+ Midspans<br>For more accessories, see *www.axis.com* |
| Video management software | AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/techsup/software* |
| Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| Warranty | Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty* |

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

**Environmental responsibility:**

www.axis.com/environmental-responsibility

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