AXIS M32 Network Camera Series

Discreet and affordable fixed domes for professional video surveillance.

> **Excellent image quality**

> **Multiple H.264 streams**

> **Power over Ethernet**

> **Pixel counter**

> **Intelligent video capabilities**

AXIS M32 Network Cameras constitute a series of cost-effective and compact network cameras, perfectly suited where discreet, tamper-resistant or vandal-resistant fixed domes are requested, e.g. in retail stores and schools. They offer handy features such as Power over Ethernet, varifocal lens and pixel counter.

AXIS M32 Series offers excellent image quality with progressive scan in high resolution; AXIS M3204 and AXIS M3204-V provide 1 megapixel resolution or HDTV 720p, and AXIS M3203/-V give SVGA resolution. Multiple H.264 streams, as well as Motion JPEG streams, can be provided either in full frame rate or individually optimized for different quality needs and bandwidth constraints.

The mechanical design of AXIS M32 Network Cameras is adapted for flexible adjustment of field of view, which makes the installation easy. Power over Ethernet supplies power to the cameras via the network, eliminating the need for power cables and reducing installation costs.

The vandal-resistant AXIS M3203-V and AXIS M3204-V, and AXIS M3203 and AXIS M3204 with their tamper-resistant casing, are fixed domes specifically adapted for unobtrusive video surveillance in exposed indoor environments.

The pixel counter helps the installer verify that the pixel resolution of an object or face fulfills regulatory or specific customer requirements for identification purposes.

AXIS M32 Series includes intelligent capabilities such as video motion detection and detection of camera tampering attempts like blocking or spray-painting.
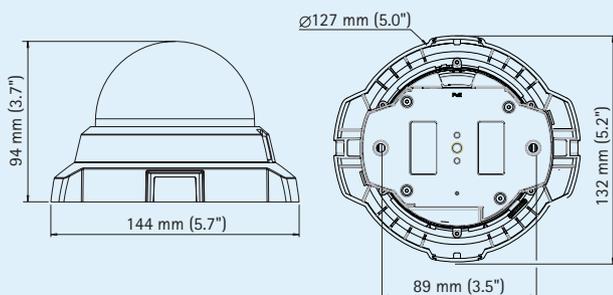

HDTV
NETWORK VIDEO

Technical specifications – AXIS M32 Network Camera Series

Camera

Models	AXIS M3203: SVGA resolution, tamper-resistant casing AXIS M3203–V: SVGA resolution, vandal-resistant casing AXIS M3204: 1 MP/HDTV 720p, tamper-resistant casing AXIS M3204–V: 1 MP/HDTV 720p, vandal-resistant casing
Image sensor	1/4" progressive scan RGB CMOS
Lens	AXIS M3203/–V: Varifocal 2.8 - 10 mm, 66° - 18° view*, F1.7, fixed iris AXIS M3204/–V: Varifocal 2.8 - 10 mm, 80° - 22° view*, F1.7, fixed iris *horizontal angle of view
Light sensitivity	0.9 - 100000 lux, F1.7
Shutter time	1/24500 s to 1/6 s
Camera angle adjustment	Pan 360°, tilt 170°, rotation 340°
Pan/Tilt/Zoom	Digital PTZ, preset positions, guard tour

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	AXIS M3203/–V: 800x600 to 160x90 AXIS M3204/–V: 1280x800 to 160x90* *1440x900 (1.3 MP) scaled resolution available via VAPIX®
Frame rate H.264	30 fps in all resolutions
Frame rate Motion JPEG	30 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, mirroring of images Rotation – including Corridor Format™ Text and image overlay, privacy mask

Network

Security	Password protection, IP address filtering, HTTPS** encryption, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS**, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

**This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform from Axis Communications, specifications available at www.axis.com Support for AXIS Video Hosting System (AVHS) with One-Click Camera connection
Intelligent video	Video motion detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of additional applications
Alarm triggers	Intelligent video
Alarm events	File upload via FTP, HTTP and email Notification via email, HTTP and TCP
Video buffer	25 MB pre- and post alarm
Installation aids in software	Pixel counter

General

Casing	Polycarbonate transparent cover Metal inner camera module with encapsulated electronics AXIS M3203/M3204: Tamper-resistant plastic casing AXIS M3203–V/M3204–V: 1000 kg (2200 lb.) impact-resistant metal casing
Processor and memory	ARTPEC-3, 128 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af Class 2 (max. 4.2 W)
Connectors	RJ-45 10BASE-T/100BASE-TX PoE
Operating conditions	0 – 50 °C (32 – 122 °F) Humidity 20 - 80% RH (non-condensing)
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, EN 60950-1, KCC Class B
Weight	AXIS M3203/M3204: 430 g (1.0 lb.) AXIS M3203–V/M3204–V: 580 g (1.3 lb.)
Included accessories	Installation Guide, CD with installation tools, recording software and User's Manual, key for tamper-proof screws, Windows decoder 1-user license
Video management software (not incl.)	AXIS Camera Station - Video management software for viewing and recording up to 50 cameras. For more software application via partners, see www.axis.com/products/video/software/

More information is available at www.axis.com

Dimensions

Ø127 mm (5.0")

94 mm (3.7")

144 mm (5.7")

132 mm (5.2")

89 mm (3.5")

Optional accessories

Drop-ceiling mount kit, transparent or smoked cover

Optional casings with smoked cover or black casing

Various mounting kits

AXIS T8412 Installation Display

AXIS P8221 Network I/O Audio module

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