AXIS 232D+ Network Dome Camera

For professional video surveillance applications.

> **18x optical zoom with autofocus**

> **Simultaneous MPEG-4 and Motion JPEG**

> **Day/night functionality**

> **Wide Dynamic Range**

> **High precision PTZ control**

AXIS 232D+ Network Dome Camera delivers superior quality MPEG-4 and Motion JPEG video in all light conditions. It is perfect for professional security installations at airports, railway stations and prisons, as well as at warehouses, manufacturing facilities, shipping centers and school campuses.

The camera's 18x optical and 12x digital zoom with autofocus provides powerful zoom capabilities to enable monitoring of distant objects in sharp detail.

Simultaneous MPEG-4 and Motion JPEG video streams allow for optimization of image quality and bandwidth efficiency.

With 128x Wide Dynamic Range (WDR), AXIS 232D+ ensures high-quality video even in complex lighting conditions.

AXIS 232D+ provides continuous 360-degree pan and supports 20 preset positions and guard tour. Fast, high precision PTZ control using mouse or joystick makes it easy to track objects of interest.

AXIS 232D+, with its automatic or manually removable IR-cut filter, can capture color video in light conditions down to 0.3 lux, and black and white video in conditions as low as 0.005 lux.
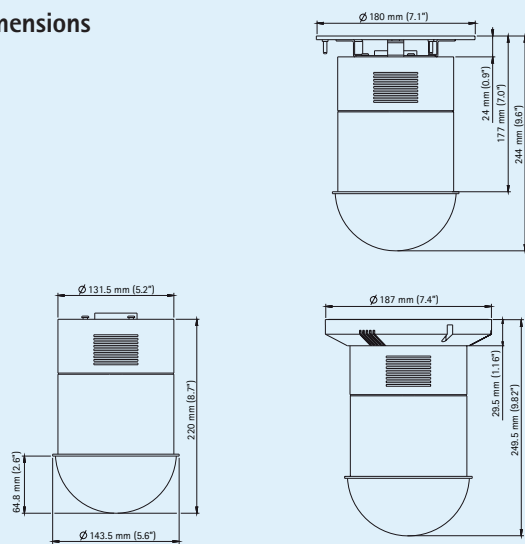
Technical specifications – AXIS 232D+ Network Dome Camera

Camera

Models	AXIS 232D+ 60 Hz AXIS 232D+ 50 Hz
Image sensor	1/4" Exview HAD CCD
Lens	f=4.1 – 73.8 mm, F1.4 – 3.0, autofocus, manual/automatic day/night Horizontal angle of view: 48° – 2.8°
Minimum illumination	Color: 0.3 lux at 30IRE F1.4 B/W: 0.005 lux at 30IRE F1.4
Shutter time	1/10000 s to 1 s
Pan/Tilt/Zoom	18x optical and 12x digital zoom , total 216x zoom Pan: 360° endless, 360°/s pan speed Tilt: 0° – 90° (± 3°), 360°/s tilt speed 20 preset positions Guard tour Supports Windows compatible joysticks

Video

Video compression	MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG
Resolutions	704x480 to 176x120 (60 Hz) 704x576 to 176x144 (50 Hz)
Frame rate MPEG-4	Up to 30/25 fps (60/50 Hz) at 2CIF/CIF/QCIF
Frame rate Motion JPEG	Up to 30/25 fps (60/50 Hz) in all resolutions
Video streaming	Simultaneous MPEG-4 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR MPEG-4
Image settings	WDR (Wide Dynamic Range), compression, brightness, sharpness, white balance, exposure control Text and image overlay De-interlacing

Network

Security	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control
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

System integration

Application Programming Interface	Open API for software integration, including VAPIX® from Axis Communications available at www.axis.com
Intelligent video	Video motion detection
Alarm triggers	Intelligent video and external input
Alarm events	File upload via FTP, HTTP and email Notification via email, HTTP and TCP External output activation
Video buffer	9 MB pre- and post alarm

General

Processors and memory	ETRAX 100 LX, ARTPEC-2, 32MB RAM, 8MB Flash
Power	24 – 36 V DC, max 28 W 19 – 28 V AC, max 25 VA
Connectors	RJ-45 Ethernet 10BASE-T/100BASE-TX PoE, Terminal block for 4 alarm inputs and 4 outputs
Operating conditions	5 – 50 °C (41 – 122 °F) Humidity 20 – 80% RH (non-condensing)
Approvals	EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class A, VCCI Class A, ICES-003 Class A, C-tick AS/NZS CISPR 22 Class A, EN 60065 Power supply: EN 60950-1, UL, CSA
Weight	1.8 kg (4.0 lb)
Included accessories	Power supply, mounting brackets for hard and drop ceiling mount, smoked and transparent covers, Installation Guide, CD with installation tools, recording software and User's Manual, Windows decoder 1-user license

More information is available at www.axis.com

Dimensions

Ø 180 mm (7.1")
24 mm (0.9")
177 mm (7.0")
244 mm (9.6")

Ø 131.5 mm (5.2")
220 mm (8.7")
64.8 mm (2.6")
Ø 143.5 mm (5.6")

Ø 187 mm (7.4")
29.5 mm (1.16")
249.5 mm (9.82")

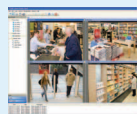## Optional accessories

Various housings

Outdoor mains power adaptor

AXIS T8310
Video Surveillance Control Board

AXIS T90A Illuminators

For information on AXIS Camera Station and video management software from Axis' Application Development Partners, see www.axis.com/products/video/software/

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