

## AXIS 231D+/232D+ Network Dome Cameras

For professional video surveillance applications.



- > 18x optical zoom with autofocus
- > Simultaneous MPEG-4 and Motion JPEG
- > Wide Dynamic Range
- > High precision PTZ control
- > Day/night functionality (AXIS 232D+)

AXIS 231D+/232D+ Network Dome Cameras deliver superior quality MPEG-4 and Motion JPEG video in all light conditions. They are perfect for professional security installations at airports, railway stations and prisons, as well as at warehouses, manufacturing facilities, shipping centers and school campuses.

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 231D+/232D+ ensure high-quality video even in complex lighting conditions.

AXIS 231D+/232D+ Network Dome Cameras provide continuous 360-degree pan operation and support 50 preset positions and guard tour. Fast, high precision PTZ control using mouse or joystick makes it easy to track objects of interest.

Both cameras can capture color video in light conditions down to 0.3 lux. AXIS 232D+, with its automatic or manually removable IR-cut filter, is able to capture black and white video in conditions as low as 0.005 lux.

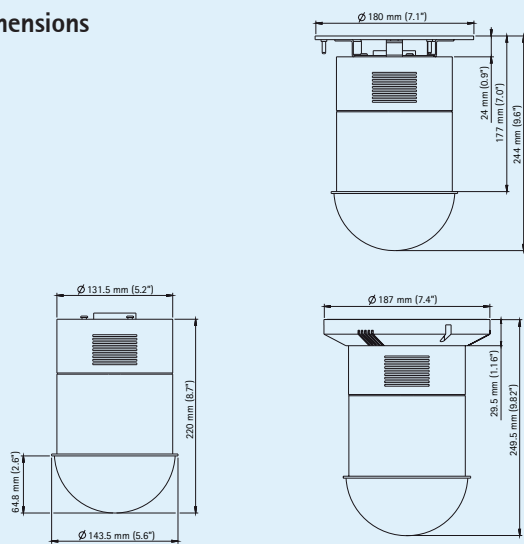


## Technical specifications – AXIS 231D+/232D+ Network Dome Cameras

Camera		Network	
<b>Models</b>	AXIS 231D+ 50Hz/PAL AXIS 231D+ 60Hz/NTSC AXIS 232D+ 50Hz/PAL (Automatic day/night) AXIS 232D+ 60Hz/NTSC (Automatic day/night)	<b>Security</b>	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control
<b>Image sensor</b>	1/4" Exview HAD CCD	<b>Supported protocols</b>	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
<b>Lens</b>	F1.4 – 3.0, f=4.1 mm wide to 73.8 mm tele, autofocus Angle of view, horizontal: 2.8° – 48°	<b>System integration</b>	
<b>Minimum illumination</b>	Color: 0.3 lux at 30IRE AXIS 232D+: B/W: 0.005 lux at 30IRE	<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® from Axis Communications available at <a href="http://www.axis.com">www.axis.com</a>
<b>Shutter time</b>	1/10000 s to 1 s	<b>Intelligent video</b>	Video motion detection
<b>Pan/Tilt/Zoom</b>	18x optical, 12x digital zoom 360° endless pan range, 360°/s pan speed 0° – 90° (± 3°) tilt range, 360°/s tilt speed 50 preset positions Guard Tour Support Windows compatible joysticks	<b>Alarm triggers</b>	Intelligent video and external input
<b>Video</b>		<b>Alarm events</b>	File upload via FTP, HTTP and email Notification via email, HTTP and TCP External output activation
<b>Video compression</b>	MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG	<b>Video buffer</b>	9 MB pre- and post alarm
<b>Resolutions</b>	160x120 to 704x576	<b>General</b>	
<b>Frame rate MPEG-4</b>	Up to 30/25 fps at 2CIF/CIF/QCIF	<b>Processors and memory</b>	ARTPEC-2, 32MB RAM, 8MB Flash
<b>Frame rate Motion JPEG</b>	Up to 30/25 fps in all resolutions	<b>Power</b>	24 – 36 V DC, max 28 W 19 – 28 V AC, max 25 VA
<b>Video streaming</b>	Simultaneous MPEG-4 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR MPEG-4	<b>Connectors</b>	RJ-45 Ethernet 10BaseT/100BaseTX PoE, Terminal block for 4 alarm inputs and 4 outputs
<b>Image settings</b>	WDR (Wide Dynamic Range), compression, brightness, sharpness, white balance, exposure control Text and image overlay De-interlacing	<b>Operating conditions</b>	5 – 50 °C (41 – 122 °F) Humidity 20 – 80% RH (non-condensing)
		<b>Approvals</b>	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, UL, CSA
		<b>Weight</b>	1.8 kg (4.0 lb)
		<b>Included accessories</b>	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](http://www.axis.com)

### Dimensions



### Optional accessories

Various housings



Outdoor mains power adaptor



AXIS 295  
Video Surveillance Joystick



T90A IR Illuminators



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