

## AXIS 216MFD/216MFD-V Network Cameras

Discreet video surveillance with exceptional image detail.



- > Discreet and compact design
- > Megapixel resolution
- > Simultaneous MPEG-4 and Motion JPEG
- > Power over Ethernet
- > Two-way audio

AXIS 216MFD Network Cameras offer high-performance, fixed dome solutions for exposed indoor locations. Compact, discreet and with megapixel resolution, they are ideal for indoor video surveillance of areas such as retail stores, schools, airports, banks and government buildings.

The vandal-resistant AXIS 216MFD-V, and AXIS 216MFD with its tamper-resistant casing, are fixed domes specifically adapted for discreet video surveillance in exposed indoor environments.

Thanks to the 1.3 megapixel progressive scan sensor and advanced image processing, AXIS 216MFD Network Cameras deliver crisp and clear images, perfect for the identification of objects and persons.

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

Power over Ethernet (IEEE 802.3af) supplies power to the cameras via the network, which eliminates the need for power cables and reduces installation costs.

Two-way audio support allows remote users to listen in on an area and communicate with visitors or intruders.

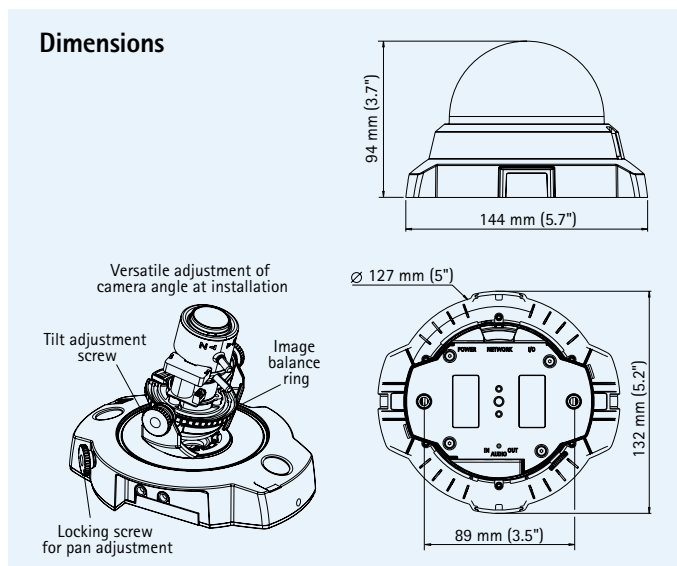


## Technical specifications – AXIS 216MFD/216MFD-V Network Cameras

Camera	
<b>Models</b>	<b>AXIS 216MFD:</b> Tamper-resistant casing <b>AXIS 216MFD-V:</b> Vandal-resistant casing
<b>Image sensor</b>	1/3" Progressive scan RGB CMOS 1.3 Megapixel
<b>Lens</b>	Varifocal 2.8 –10 mm, F1.3, DC-iris Angle of view: 27°–100° horizontal
<b>Minimum illumination</b>	2 lux, F1.3
<b>Shutter time</b>	1/15000 s to 1/4 s
<b>Camera angle adjustment</b>	Pan 360°, tilt 170°, rotation 340°
Video	
<b>Video compression</b>	MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG
<b>Resolutions</b>	160x90–1280x1024
<b>Frame rate MPEG-4</b>	Up to 8 fps at 1280x1024, 13 fps at 1024x768, 20 fps at 800x600
<b>Frame rate Motion JPEG</b>	Up to 12 fps at 1280x1024, 20 fps at 1024x768, 30 fps at 800x600
<b>Video streaming</b>	Simultaneous Motion JPEG and MPEG-4 Controllable frame rate and bandwidth VBR/CBR MPEG-4
<b>Image settings</b>	Compression, color, brightness, sharpness, white balance, exposure control, rotation, fine tuning of behavior at low light Text and image overlay Privacy mask
Audio	
<b>Audio streaming</b>	Two-way, half duplex
<b>Audio compression</b>	AAC LC 8 kHz G.711 PCM 8 kHz G.726 ADPCM 8 kHz Configurable bit rate
<b>Audio input/output</b>	Built-in microphone, external microphone input or line input, line level output

Network	
<b>Security</b>	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, user access log
<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
System integration	
<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>Intelligent video</b>	Video motion detection, active tampering alarm, audio detection
<b>Alarm triggers</b>	Intelligent video and external input
<b>Alarm events</b>	File upload via FTP, HTTP and email Notification via email, HTTP and TCP External output activation
<b>Video buffer</b>	20 MB pre- and post alarm
General	
<b>Casing</b>	<b>AXIS 216MFD:</b> Tamper-resistant casing <b>AXIS 216MFD-V:</b> 1000 kg (2200 lb.) impact-resistant casing
<b>Processors and memory</b>	ARTPEC-A, 64 MB RAM, 8 MB Flash
<b>Power</b>	4.9–5.1 V DC max 3.8 W Power over Ethernet IEEE 802.3af Class 1
<b>Connectors</b>	RJ-45 10BASE-T/100BASE-TX PoE, DC jack Terminal block for 1 alarm input and 1 output, 3.5 mm mic/line in, 3.5 mm line out
<b>Operating conditions</b>	0–50 °C (32–122 °F) Humidity 20–80% RH (non-condensing)
<b>Storage conditions</b>	–20–70 °C (–4–158 °F)
<b>Approvals</b>	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 Power supply: EN 60950-1, UL, CSA
<b>Weight</b>	<b>AXIS 216MFD:</b> 425 g (0.94 lb.) <b>AXIS 216MFD-V:</b> 580 g (1.28 lb.)
<b>Included accessories</b>	Power supply, mounting and connector kits, 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)



### Optional accessories

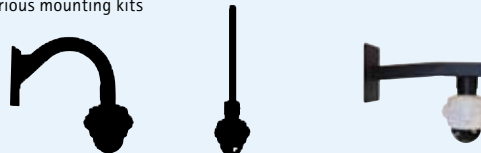
Drop-ceiling mount kit,  
transparent or smoked cover



Optional casings with smoked  
cover or black casing



Various mounting kits



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/)