

AXIS 225FD Network Camera

Professional video surveillance in tough conditions

AXIS 225FD Fixed Dome Network Camera is a high-performance camera for professional surveillance and remote monitoring. Its discreet, vandal-resistant and outdoor-proof design provides maximum protection in tough environmental conditions. The progressive scan sensor together with the automatic removable infrared filter delivers crisp and clear images day and night supported by the industry's largest base of video management software, AXIS 225FD provides the perfect solution for securing areas such as schools, university campuses, railway stations or car park buildings over the network.

AXIS 225FD allows for powerful event management with multi-window motion detection, camera tampering detection, two inputs and one output for connecting devices such as external relays and sensors to activate lights or open/close doors. Pre- and post-image alarm buffering secures images just before and after an alarm.

The compact design enables easy and flexible installation with tamper-proof mounting on wall or ceiling. It allows for versatile adjustment by panning, tilting and rotating the varifocal lens to any camera angle desired.

The built-in Power over Ethernet (IEEE 802.3af) support enables power to the camera to be delivered via the network, eliminating the need for a power outlet and reducing installation costs. AXIS 225FD offers the highest degree of security by using multiple, password-protected user access levels, IP address filtering, HTTPS encryption and IEEE 801.X network access control.



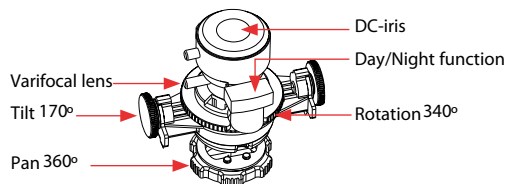
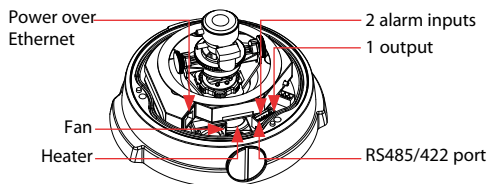
- Vandal-resistant, outdoor-proof design for maximum protection
- Superior image quality with progressive scan and Day/Night function
- Power over Ethernet for reduced cabling and consolidated power
- Simultaneous Motion JPEG and MPEG-4 for optimized quality and bandwidth
- Up to 30 frames per second in VGA 640x480 resolution
- Advanced alarm handling including Motion Detection and Camera Tampering Alarm



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Specifications			
Models	AXIS 225FD: Standard lens AXIS 225FD 22 mm: Tele lens	Power	Camera and built-in fan: 9-24 V DC, max 5.5 W 10-24 V AC, max 8 VA PoE (IEEE 802.3af) Class 2 When using the built-in heater: 12 V DC, max 20 W 24 V AC, max 25 VA
Image sensor	1/4" Sony Wfine progressive scan RGB CCD	Operating conditions	5 — 50°C (41 — 122°F) With heater: -20 — 50°C (-4 — 122°F) Humidity 20 — 80% RH (non condensing)
Lens	AXIS 225FD: F1.4 varifocal 2.8 – 5.8 mm, DC-iris AXIS 225FD 22 mm: F1.5 varifocal 9 - 22 mm, DC-iris Focus range: 0.3 m to infinity	Installation, management and maintenance	AXIS Camera Management tool on CD and web-based configuration Configuration of backup and restore Firmware upgrades over HTTP or FTP, firmware available at www.axis.com
Day & night	Automatic IR filter removal in low light conditions	Video access from web browser	Camera live view, video recording to file (ASF), sequence tour for up to 20 Axis video sources, customizable HTML pages
Angle of view	AXIS 225FD: 36° - 75° horizontal AXIS 225FD 22 mm: 10° - 22° horizontal	Minimum web browsing requirements	Pentium III CPU 500 MHz or higher, or equivalent AMD, 128 MB RAM, AGP graphics card 32 MB RAM, Direct Draw Windows XP, 2000, DirectX 9.0 or later Internet Explorer 6.x or later
Camera angle adjustment	Pan 360°, tilt 170°, rotation 340°	System integration support	For other operating systems and browsers see www.axis.com/techsup Open API for software integration, including VAPIX® from Axis Communications*, AXIS Media Control SDK*, event trigger data in video stream and access to serial port peripherals over TCP. Quality of Service (QoS) Layer 3, DiffServ Model. Embedded Linux operating system *Available at www.axis.com
Minimum illumination	AXIS 225FD: Color mode: 1 lux at F1.4, black/white mode: 0.2 lux at F1.4 AXIS 225FD 22 mm: Color mode: 1.5 lux at F1.5, black/white mode: 0.3 lux at F1.5	Supported protocols	IPv4/v6, HTTP, HTTPS, SSL/TLS*, TCP, SNMPv1/v2c/v3 (MIB-II), RTSP, RTP, UDP, IGMP, RTCP, SMTP, FTP, ICMP DHCP, NTP, UPnP, Bonjour, ARP, DNS, DynDNS, SOCKS, IEEE802.1X. More information on protocol usage available at www.axis.com * This product includes software developed by the Open SSL Project for use in the Open SSL Tool kit (www.openssl.org)
Video compression	Motion JPEG MPEG-4 Part 2 (ISO/IEC 14496-2), Profiles: ASP and SP	Included accessories	Power supply 9 V DC, 9 W (indoor), cable gland, connector kit, Installation Guide, CD with User's Manual, software, installation and management tools MPEG-4 licenses (1 encoder, 1 decoder) MPEG-4 decoder (Windows)
Resolutions	16 resolutions from 640x480 to 160x120 via API, 5 selections via configuration web page	Video management software (not incl.)	AXIS Camera Station - Surveillance application for viewing, recording and archiving up to 25 cameras See www.axis.com/partner/adp_partners.htm for more software applications via partners
Frame rate	Motion JPEG: Up to 30 fps in all resolutions MPEG-4: Up to 30 fps in all resolutions	Accessories (not incl.)	Drop ceiling mount bracket Pendant mounting kit Smoked transparent cover Outdoor power supply* MPEG-4 multi-user license pack *required for outdoor installation
Video streaming	Simultaneous Motion JPEG and MPEG-4 Controllable frame rate and bandwidth Constant and variable bit rate (MPEG-4)	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 CISPR22, EN 60950-1 Power supply: EN 60950, UL, cUL
Image settings	Compression levels: 11 (Motion JPEG)/23 (MPEG-4) Rotation: 90°, 180°, 270° Configurable color level, brightness, sharpness, contrast, white balance, exposure control, exposure area, backlight compensation, fine tuning of behavior at low light Overlay capabilities: time, date, text, privacy mask or image	Dimensions and weight	Height: 115 mm (4.5"), diameter: 175 mm (6.9") 1.3 kg (2.8 lbs) excl. power supply
Shutter time	1/12500 s to 2 s	Processors, memory and clock	CPU: ETRAX 100LX Video processing and compression: ARTPEC-2 Memory: 32 MB RAM, 8 MB Flash Battery backed-up real-time clock
Security	Multiple user access levels with password protection, IP address filtering HTTPS encryption IEEE 802.1X network access control User access log	Connectors	Ethernet 10BaseT/100BaseTX (PoE) Terminal block for 2 alarm inputs, 1 output, RS-485/422 half duplex port and power
Users	20 simultaneous users Unlimited number of users using multicast (MPEG-4)	Casing	Metal base and polycarbonate transparent cover Impact resistant 1000 kg (2200 lbs) Tamper-proof mounting IP66
Alarm and event management	Events triggered by video motion detection, tampering detection, temperature limits, external inputs or according to a schedule Image upload over FTP, email and HTTP Notification over TCP, email, HTTP and external outputs 9 MB of pre-and post alarm buffer (approx. 5 min of 320x240 resolution video at 4 frames per second)		



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