

Axis 210 IP Network Camera/Server

Product Features

- Vandal-resistant, outdoor-proof design for maximum protection
- Superior image quality with progressive scan
- Day/Night functionality
- Up to 30 frames per second in VGA 640x480 resolution
- Multi-window motion detection with alarm image buffering
- Serial port for data integration with e.g. an access control system
- Power over Ethernet (IEEE 802.3af) for reduced cabling and consolidated power
- Simultaneous Motion JPEG and MPEG-4 for optimized quality and bandwidth
- Powerful event management including video motion detection, inputs/output for connecting e.g. external sensors and relays to activate light or open/close doors
- Image upload and notification over FTP, e-mail and HTTP, with 9 MB pre- and post alarm buffering
- Security: Multi-level password protection, IP address filtering and HTTPS encryption for network security
- SNMP (SNMPv1/v2c/v3 MIB-II) support for network management
- Powerful Application Programming Interface (API) for software integration, including AXIS VAPIX and AXIS Media Control SDK



Camera

Model	AXIS 225FD
Lens	varifocal 2.8 – 5.8 mm, F1.4, DC-iris, horizontal angle of view: 36° – 75°
Shutter Time	1/12500s to 2s
Image Sensor	1/4" Progressive scan RGB CCD
Minimum Illumination	Color: 1 lux, F1.4 B/W: 0.2 lux, F1.4
Camera angle adjustment	Pan 360°, tilt 170°, rotation 340°

Video

Video Compression	MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG
Image Settings	Compression, color, brightness, contrast, white balance, exposure control, rotation, fine tuning of behavior at low light
Resolution	160x120 to 640x480
Frame rate MPEG-4	Up to 30 fps in all resolutions
Frame rate Motion JPEG	Up to 30 fps in all resolutions
Video streaming	Simultaneous MPEG-4 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR MPEG-4

Network

Security

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

Supported protocols

IPv4/v6, HTTP, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, DNS, DynDNS, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

System integration

Intelligent video

Video motion detection, active tampering alarm

Alarm triggers

Intelligent video, temperature limits and external input

Alarm events

File upload via FTP, HTTP and email

Notification via email, HTTP and TCP

External output activation

9 MB pre-and post alarm

Video buffer

General

Casing

Metal base and polycarbonate transparent cover

Impact resistant casing 1000 kg (2200 lb.)

IP66-rated

Processors and memory

ARTPEC-2, 32 MB RAM, 8 MB Flash

Connectors

RJ-45 10BASE-T/100BASE-TX

Terminal block for 1 alarm input,

1 output and alternative power connection

Operating conditions

5 — 50 °C (41 — 122 °F)

With heater: -20 — 50 °C (-4 — 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 B, VCCI Class B, ICES-003 Class B,

C-tick AS/NZS 3548, EN 60950-1

Power supply: EN 60950-1, UL, cUL

Weight

1.3 kg (2.8 lb.)

Power

Camera and built-in fan:

9 – 24 V DC, max 5.5 W

10 – 24 V AC, max 8 VA

Power over Ethernet IEEE 802.3af, Class 2

When using the built-in heater:

12 V DC, max 20 W

24 V AC, max 25 VA