

AXIS F44 Main Unit

Feature-rich multi-view surveillance with WDR

The rugged AXIS F44 Main Unit connects up to four AXIS F Sensor Units and is ideal for the surveillance of four closely situated areas, such as in stores, banks and buses. AXIS F44 enables streaming of 1080p or HDTV 720p videos from four sensor units simultaneously through one Ethernet port. It also supports quad view streaming. The main unit provides Wide Dynamic Range (WDR) – Forensic Capture, ideal for scenes with very bright and dark areas. Support for Zipstream technology lowers bandwidth and storage use. Other supported features include audio, input/output ports, Power over Ethernet, 8–28 V DC and two SD card slots.

- > [Streams videos from four sensor units simultaneously](#)
- > [WDR – Forensic Capture \(with sensor units that support this feature\)](#)
- > [Rugged, easy-to-install design](#)
- > [Axis Zipstream](#)



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Video		Data streaming Event data
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	General
Resolution	1920x1080 (1080p) ^a to 480x270 1280x720 to 480x270	Casing Aluminum
Wide dynamic range	WDR – forensic capture	Sustainability PVC-free
Frame rate	In 1080p with no WDR: up to 12.5/15 fps (50/60 Hz) In 720p with no WDR: up to 25/30 fps (50/60 Hz) In 720p with WDR: up to 12.5/15 fps (50/60 Hz)	Memory 1024 MB RAM, 256 MB Flash
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264 Quad view, max 1080p resolution 25/30 fps (50/60 Hz) with 720p capture mode 12.5/15 fps (50/60 Hz) with 1080p capture mode	Power Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 max 12.95 W 8–28 V DC, max 13.33 W
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure value, exposure control, exposure zones, local contrast, rotation, Corridor Format, text and image overlay, privacy mask, mirroring of images, Wide Dynamic Range – Forensic Capture ^a : Up to 120 dB depending on scene	Connectors RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor units 6-pin terminal block for four configurable inputs/outputs (12 V DC output), max load 50 mA 3.5 mm mic/line in, 3.5 mm line out 5-pin terminal block RS232 2-pin terminal block for 8–28 V DC input
Audio		Storage Two SD/SDHC/SDXC slots, (card not included) Support for SD card encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Audio streaming	Two-way	Operating conditions -30 °C to 60 °C (-22 °F to 140 °F) Humidity 10–85% RH (non-condensing)
Audio encoding	AAC-LC 8/16 kHz, 8–64 kbit/s G.711 PCM 8 kHz 64 kbit/s G.726 ADPCM 8 kHz 32 kbit/s or 24 kbit/s Configurable bit rate	Storage conditions -40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Audio input/output	External microphone input or line input, line output	Approvals EMC EN 55022 Class A, EN 55024, EN 50121-4, EN 61000-6-1, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3, IEC 62236-4, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, C-tick AS/NZS CISPR 22 Class A, KCC KN22 Class A, KN24 Safety IEC/EN/UL 60950-1 Environment ECE R10 rev.04, EN 50581, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-60, IEC 60068-2-78, IEC 60529 IP4X, IEC 60721-3-5 5M3 (vibration, shock) Network NIST SP500-267
Network		Dimensions 51 x 121 x 121 mm (2 1/16 x 4 12/16 x 4 12/16 in)
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, digest authentication, user access log, centralized certificate management	Weight 542 g (1.19 lb)
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^b , SSL/TLS ^b , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Included accessories Installation Guide, Windows [®] decoder 1-user license, AVHS Authentication key
System integration		Optional accessories AXIS F8001 Surface Mount with Strain Relief AXIS F8002 DIN Rail Clip AXIS T8120 15 W Midspan 1-port AXIS T83 Microphones For more accessories, see axis.com
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile G and ONVIF [®] Profile S, specification at onvif.org	Video management software AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms
Analytics	Included AXIS Video Motion Detection Active tampering alarm, audio detection Supported AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Event triggers	Analytics, external inputs Edge storage events	Warranty 5-year warranty, see axis.com/warranty
Event actions	File upload: email, FTP, HTTP, HTTPS, network share Notification: email, HTTP, HTTPS and TCP Pre- and post-alarm video buffering Video and audio recording to edge storage, play audio clip, external output activation WDR mode	a. Valid for sensor units that support it b. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).
Built-in installation aids	Pixel counter	Environmental responsibility: axis.com/environmental-responsibility