

AXIS F44 Dual Audio Input 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, schools, 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 technology
- > Dual audio input with included accessory



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Video		Video and audio recording to edge storage; Play audio clip, External output activation, WDR mode
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Built-in installation aids Pixel counter
Resolutions	1920x1080 (1080p) ^a to 480x270 1280x720 to 480x270	Data streaming Event data
Frame rate	In 1080p with no WDR: 12.5/15 fps (50/60 Hz) In 720p with no WDR: 25/30 fps (50/60 Hz) In 720p with WDR: 12.5/15 fps (50/60 Hz)	General
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	Casing Aluminum
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	Sustainability PVC free
Audio		Memory 1024 MB RAM, 256 MB Flash
Audio streaming	Audio 1: Two-way, full duplex and half duplex (mic/line input/line output) Audio 2: Two-way, full duplex and half duplex (mic/line input/line output)	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
Audio compression	AAC-LC 8/16 kHz, 8–64 kbit/s G.711 PCM 8 kHz 64 kbit/s G.711 PCM 16 kHz 128 kbit/s G.726 ADPCM 8 kHz 32 kbit/s or 24 kbit/s Configurable bit rate	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 input/output	External microphone or line input (2 microphone or line inputs with included AXIS Stereo-to-mono Adapter) Line output	Storage Two SD/SDHC/SDXC slots, each supporting memory card up to 64 GB (card not included) Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations, see www.axis.com
Network		Operating conditions -30 °C to 60 °C (-22 °F to 140 °F) Humidity 10–85% RH (non-condensing)
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, Digest authentication, User access log, Centralized Certificate Management	Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)
Supported protocols	IPv4/v6, 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	Approvals EN 50581, IEC/EN/UL 60950-1, 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 FCC Part 15 Subpart B Class A
System integration		Dimensions 51 x 121 x 121 mm (2 1/16 x 4 12/16 x 4 12/16 in)
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform (ACAP); specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profiles S and G, specifications at www.onvif.org	Weight 542 g (1.19 lb)
Analytics	AXIS Video Motion Detection 3, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection and third-party applications, see www.axis.com/acap	Included accessories AXIS Stereo-to-Mono Adapter, Installation Guide, Windows decoder 1-user license, AVHS Authentication key
Event triggers	Analytics, External inputs Edge storage events	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 www.axis.com
Event actions	File upload: email, FTP, HTTP, HTTPS, network share Notification: email, HTTP, HTTPS and TCP Pre- and post-alarm video buffering	Video management software AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
		Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
		Warranty Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

- a. Valid for sensor units that support it
b. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).

Environmental responsibility:

www.axis.com/environmental-responsibility