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

> Dual audio input with included accessory

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Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	1920x1080 (1080p)[a] to 480x270 1280x720 to 480x270
Wide dynamic range	Forensic WDR
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)
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
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

Audio

Audio streaming	Two-way, full duplex and half duplex
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
Audio input/output	External microphone or line input (2 microphone or line inputs with included AXIS Stereo-to-mono Adapter) Line output

Network

Security	Password protection, IP address filtering, HTTPS[b] encryption, IEEE 802.1X[b] network access control, Digest authentication, User access log, Centralized Certificate Management
Supported protocols	IPv4/v6, HTTP, HTTPS[b], SSL/TLS[b], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF® Profile S and ONVIF® Profile G, specification at www.onvif.org
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, www.axis.com/acap
Event triggers	Analytics, external inputs Edge storage events
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
Built-in installation aids	Pixel counter
Data streaming	Event data

General

Casing	Aluminum
Sustainability	PVC free
Memory	1024 MB RAM, 256 MB Flash
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
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
Storage	Two SD/SDHC/SDXC slots, (card not included) Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations, see www.axis.com
Operating conditions	-30 °C to 60 °C (-22 °F to 140 °F) Humidity 10-85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	**EMC** EN 55024, EN 55032 Class A, EN 50121-4, EN 61000-6-1, EN 61000-6-2, IEC 62236-4, ECE R10 rev.05, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35 **Safety** IEC/EN/UL 60950-1 **Environment** 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)
Dimensions	51 x 121 x 121 mm (2 1/16 x 4 12/16 x 4 12/16 in)
Weight	542 g (1.19 lb)
Included accessories	AXIS Stereo-to-Mono Adapter, Installation Guide, Windows decoder 1-user license, AVHS Authentication key
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
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/vms
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 (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental-responsibility

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