

# 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](#)



# AXIS F44 Dual Audio Input Main Unit

<b>Video</b>	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
<b>Resolutions</b>	1920x1080 (1080p) <sup>a</sup> to 480x270 1280x720 to 480x270
<b>Frame rate</b>	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)
<b>Video streaming</b>	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
<b>Image settings</b>	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 <sup>a</sup> : Up to 120 dB depending on scene
<b>Audio</b>	
<b>Audio streaming</b>	Two-way, full duplex and half duplex
<b>Audio compression</b>	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
<b>Audio input/output</b>	External microphone or line input (2 microphone or line inputs with included AXIS Stereo-to-mono Adapter) Line output
<b>Network</b>	
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>b</sup> encryption, IEEE 802.1X <sup>b</sup> network access control, Digest authentication, User access log, Centralized Certificate Management
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>b</sup> , SSL/TLS <sup>b</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
<b>System integration</b>	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform (ACAP); specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Analytics</b>	AXIS Video Motion Detection 4, active tampering alarm, audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection and third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>
<b>Event triggers</b>	Analytics, External inputs Edge storage events
<b>Event actions</b>	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

<b>Built-in installation aids</b>	Pixel counter
<b>Data streaming</b>	Event data
<b>General</b>	
<b>Casing</b>	Aluminum
<b>Sustainability</b>	PVC free
<b>Memory</b>	1024 MB RAM, 256 MB Flash
<b>Power</b>	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
<b>Connectors</b>	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
<b>Storage</b>	Two SD/SDHC/SDXC slots, (card not included) SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations, see <a href="http://www.axis.com">www.axis.com</a>
<b>Operating conditions</b>	-30 °C to 60 °C (-22 °F to 140 °F) Humidity 10-85% RH (non-condensing)
<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Approvals</b>	<b>EMC</b> 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 <b>Safety</b> IEC/EN/UL 60950-1 <b>Environment</b> 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)
<b>Dimensions</b>	51 x 121 x 121 mm (2 1/16 x 4 12/16 x 4 12/16 in)
<b>Weight</b>	542 g (1.19 lb)
<b>Included accessories</b>	AXIS Stereo-to-Mono Adapter, Installation Guide, Windows decoder 1-user license, AVHS Authentication key
<b>Optional accessories</b>	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 <a href="http://www.axis.com">www.axis.com</a>
<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/support/downloads">www.axis.com/support/downloads</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

- 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](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

#### Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)