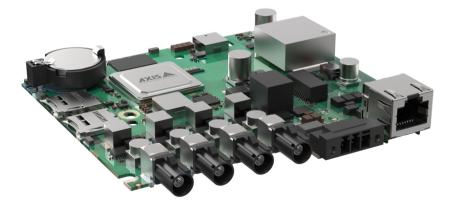


AXIS F9104-B Main Unit

4-channel modular barebone unit

AXIS F9104-B is excellent for building customized video solutions. Sold without a casing, this UL recognized barebone main unit is ideal for integration into a UL certified end-product. Based on a divided camera concept, it can be installed indoors or inside vehicles. It supports four HDTV 1080p video streams at 30 fps on all channels and requires only one video management software (VMS) license. Furthermore, it offers built-in cybersecurity features such as Axis Edge Vault to protect your Axis device ID and simplify authorization of Axis devices on your network.

- > Compact barebone main unit
- > UL recognized component
- > Multiple sensor and cable options
- > Easy integration and installation
- > 1080p at 30 fps on 4-channels





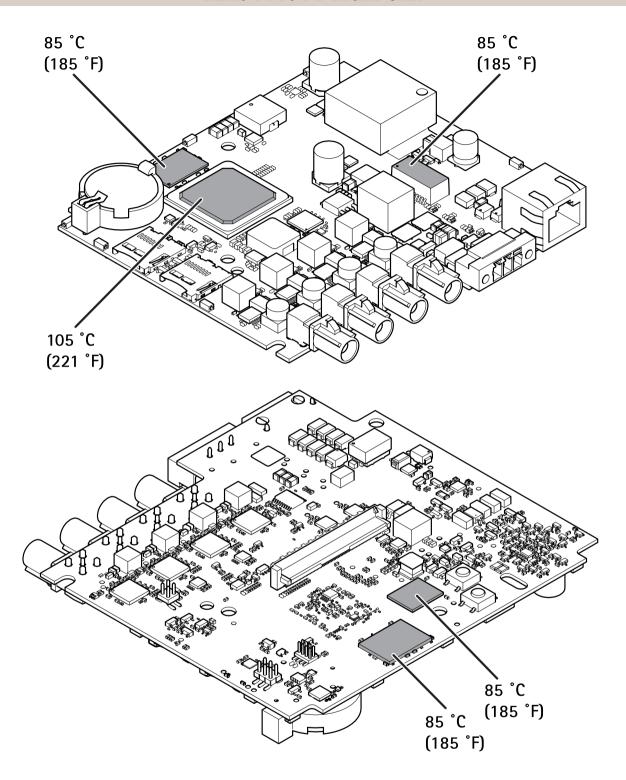


AXIS F9104-B Main Unit

Memory 2x 1024 MB RAM, \$12 MB Flash	System on chip	o (SoC)		Secure element (CC EAL 6+), Axis device ID, secure keystore,
Video Video Network Time Security (NTS), X.509 Certificate PKI, IP address filtering Video H. 284 (MPEG-4 Part 2/HeVC) Main Profiles AL26 (MPEG-4 Part 2/HeVC) Main Profiles Motion JPEG Documentation AMS 0.5 Softwarening Guide Material (SBM) To download documents, 90 to axis.com/support/yebersecurity/resources Frame rate Up to 30 fps in 1080p (WIDR mode) and up to 60 fps in 720p Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis S. Spatian (SBM) To download documents, 90 to axis.com/support/yebersecurity/resources Motion JPEG Axis S. Expirement technology in H.1945 and H.265 and Motion JPEG Axis S. Expirement technology in H.1945 and H.265 and Motion JPEG Axis S. Expirements, 90 to axis.com/support/yebersecurity/resources Motion JPEG Axis S. Expirement Exchangly in H.1945 and H.265 and Motion JPEG Axis S. Expirements, 90 to axis.com/support/yebersecurity/resources Axis S. Expirements, 90 to axis.com/support/yebersecurity/resources Wideo Streaming Indicator Contractors Axis S. Expirements, 90 to axis.com/support/yebersecurity Image settings Contractors Contractors Axis S. Expirements, 90 to axis.com/support/yebersecurity Images exitings Contractors Contractors R145 for 108ASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/100BASE-T/10	Model	ARTPEC-7		signed video, secure boot
Video compression H. 264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG Mark (MPEG-4 Part 2/HEVC) Main Profile Motion JPEG AXIS OS Hardening Guide Axis Valverability Management Policy Axis Security Development Model AXIS SO Software Bill of Material (SBOM) Frame rate Up to 30 fps in 1080 (WDR mode) and up to 60 fps in 720p Up to 30 fps in 1080 (WDR mode) and up to 60 fps in 720p To download doesness, go to axis com/support/cybersecu- rity/resources To download doesness, go to axis com/support/cybersecu- rity/resources To download doesness, go to axis com/support/cybersecu- rity/resources To read more about Axis cybersecurity support, go to oxis.com/cybersecurity Metal Learnery Microsomery and Contrast, brightness, sharpness, Forensic WDR, fixed orientation ali, white balance, tone mapping, exposure control, exposure zones, compression, rotation: 0°, 90°, 180°, 720°, mirroring, polyon privacy mask, control quee Power Power To 108ASE-T/1000BASE-T Pod 4x FARRA for sort units 3-pin terminal block for 10-48 VDC, typical 9 W, max 25.5 W Connectors Network protocols Investment of the propertion of the prope	Memory	2x 1024 MB RAM, 512 MB Flash	Network security	
Microarperson H. 264 MMF6-4 Part 10 AVC) Baseline, Main and High Profiles H.265 MMF6-4 Part 10 AVC) Main Profile Motion JPE6 Motion JPE6 Motion JPE6 Avis Vulnerally Management Policy Avis Successfully Management Policy Avis Successful	Video			
Frame rate Up to 30 fps in 1080p (WDR mode) and up to 60 fps in 720p Video streaming Multiple, individually configurable streams in H.264, H.265 and Motion JPEC Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Low latency mode Video streaming indicator Image settings Contrast pringhtness, sharpness, Forensic WDR, fixed orientation aid, white balance, tone mapping, exposure control, exposure zones, compression, rotations: 0°, 90°, 180°, 270°, mirroring, polygon privacy mask, control queue Network Network Network Network Network Protocols IP-N, IP-VB USGNE, CMPN-4/ICMPNe, HTTP, HTTPS, HTTP/2, TLS, OaS Layer 3 Offiser, FTP. STPL CTES/SMB, SMTP pmDNS (Bonjour) UP-PP', SMMP v1/v2cNs (MB-II) DNS/DNS-VB, DDNS NTP, NTS, RTS, RTS, RTS, RTS, RTS, RTS, RTS, PTS, RTS, PTS, PTS, PTS, PTS, PTS, PTS, DTS, DTS, DTS, DTS, DTS, DTS, DTS, D	compression	H.265 (MPEG-H Part 2/HEVĆ) Main Profile Motion JPEG	Documentation	AXIS OS Hardening Guide Axis Vulnerability Management Policy
Video streaming Multiple, individually configurable streams in H264 H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VRR/ABR/MBR H.264/H.265 Low latency mode Video streaming indicator Multiple, individually configurable streams in H264 and H.265 Controllable frame rate and bandwidth VRR/ABR/MBR H.264/H.265 Low latency mode Video streaming indicator Power Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4 Image settings Contrast, brightness, sharpness, Forensic WDR, fixed orientation aid, white balance, tone mapping, exposure corrol, exposure zones, compression, rotation: 0°, 90°, 180°, 270°, mirroring, polygon privacy mask, control quee Connectors R145 for 10BASE-TI/100BASE-TX/100BASE-TX/1000BASE-TX/1000BASE-TX/1000BASE-TX/1000BASE-TX/1000BASE-TX/1000BASE-TX/1000BASE-TX/1	Resolution	1920x1080 HDTV 1080p		
Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/JARB/MBR H.264/1AC6 Low latency mode Video streaming indicator Image settings Contrast, brightness, sharpness, Forensic WDR, fixed orientation aid, white balance, tone mapping, exposure control, exposure zones, compression, rotation 0°, 90°, 180°, 270°, mirroring, polygon privacy mask, control queue Network Network PNetwork Retwork Protocols IPPA, IPPG USON, ICMPV-9/ICMPV6, HTTP, HTTPS, HTTP/2, TLS, QoS Lager 3 Diffesor, FTP, STRF (PESS/MB, SMTP, MDS, Blonjour) UPPP, SMMP vi I/2c/v3 (MIB-II), DMS/DINSio, DDNS, NTP, NTS, RTSP, RTP, STRF)RTSPS, TCP, RTCP, DHCP, SSMI, SIP, LIDP, CDP, MOIT V3.1.1, Secure systog (RFC 3164/6424, UDP/TCP/TLS), Interface One-click cloud connection One-click cloud conne	Frame rate			
Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Low latency mode Video streaming indicator Image settings Contrast, brightness, sharpness, Forensic WDR, fixed orientation aid, white balance, tone mapping, exposure control, exposure zones, compression, rotation: 0°, 90°, 180°, 270°, mirroring, polygon privacy mask, control queue Network Network	Video streaming	Motion JPEG		
WBR/ABR/MBR Hz64/Hz65 Low latercy mode Video streaming indicator Video streaming		Axis Zipstream technology in H.264 and H.265	General	
Image settings			Sustainability	PVC free
aid, white balance, tone mapping, exposure control, exposure contr			Power	
Network Network Protocols Network Network Protocols Network Network Protocols Network Network NETS, RIP, SIPP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RIS, RIP, SRTP/RISPS, TCP, RICP, DHCP, SSH, SIP, LLDP, CDP, MOTI v3.11, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf) System integraction Application Programming Interface Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com ONNIP® Profile G and ONVIP® Profile S, specification at onviif.org Event actions Send images, publish MOTT, send notifications, overlay text, power saving mode, recordings, SNMP trap messages, status LED, video clips Network NIST SP500-267 Dimensions Network NIST SP500-267 Dimensions Network NIST 116004-E Cable, AXIS TU6005 Plenum Cable, hardware AXIS T116004-E Cable, AXIS TU6005 Plenum Cable, hardware AXIS T212 Sensor Unit, AXIS F4105-LRE Dome Sensor, AXIS F7225-RE Pinhole Sensor NAIS Surveillance Cards TU6001 Connector 3-pin For more accessories, see axis.com/ AXIS Companion, AXIS Camera Station, video management software Cybersecurity Edge security Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Storage Supported Open API for software integration statication at axis.com Approvals Safety UL recognized component, IS 13252 Network NIST Sp500-267 Dimensions 21 x 107 x 110 mm (0.8 x 4.2 x 4.3 in) Weight 120 g (0.3 lb) Required AXIS T16004-E Cable, AXIS TU6005 Plenum Cable, hardware AXIS T16004-E Cable, AXIS TU6005 Plenum Cable, hardware AXIS T21 Sensor Unit, AXIS F4105-LRE Dome Sensor, AXIS F7225-RE Pinhole Sensor United States of the Axis States of the Axis States of the Axis States of the	Image settings	aid, white balance, tone mapping, exposure control, exposure zones, compression, rotation: 0°, 90°, 180°, 270°, mirroring,	Connectors	4x FAKRA for sensor units
Network protocols	Notreorle	polygon privacy mask, control queue	Storage	
Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP*, SNMP v1/v2c/v3 (MIB-II), DNS/DNSNG, DDNS, NTP, NTS, RTS, RTP, STRP/RTSPS, TCP, RTCP, DHCP, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf) System integration		IPV4 IPV6 USGV6 ICMPV4/ICMPV6 HTTP HTTPS HTTP/2 TIS OoS		
MOTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf) Link-Local address (ZeroConf) Humidity 5-95% RH (non-condensing)		Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS,		-40 °C to 60 °C (-40 °F to 140 °F)
Application Programming Interface Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIP® Profile S, specification at onvif.org Event conditions Event actions Data streaming Analytics Applications Included AXIS Video Motion Detection Supported Tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap Cybersecurity Edge security Open API for software integration, including VAPIX® and AXIS Camera Application, including VAPIX® and AXIS camera Application, including VAPIX® and AXIS Camera Application, including VAPIX® and AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap Open API for software integration, including VAPIX® and AXIS Camera Application at axis.com Dimensions 21 x 107 x 110 mm (0.8 x 4.2 x 4.3 in) Weight 120 g (0.3 lb) Required hardware AXIS T106004-E Cable, AXIS TU6005 Plenum Cable, AXIS F7225-RE Pinhole Sensor Included accessories Included AXIS Video Windows® decoder 1-user license Optional accessories TU6001 Connector 3-pin For more accessories, see axis.com Video management software Software from AxiS Application Development Partners available at axis.com/vms English, German, French, Spanish, Italian, Russian, Simplified Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese		MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS),		
Programming Interface AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF® Profile G and ONVIF® Profile S, specifications at axis.com One-click cloud connection ONVIF® Profile G and ONVIF® Profile S, specification at onvif.org Event conditions Device status, edge storage, scheduled event, video Send images, publish MQTT, send notifications, overlay text, power saving mode, recordings, SNMP trap messages, status LED, video clips Data streaming Event data Devent data Devent data	System integration		Approvals	
Event actions Send images, publish MQTT, send notifications, overlay text, power saving mode, recordings, SNMP trap messages, status LED, video clips Data streaming Analytics Applications Included AXIS Video Motion Detection Supported Tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap Cybersecurity Edge security Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Weight 120 g (0.3 lb) Required hardware AXIS TU6004-E Cable, AXIS TU6005 Plenum Cable, AXIS F21 Sensor Unit, AXIS F4105-LRE Dome Sensor, AXIS F7225-RE Pinhole Sensor Included accessories Optional accessories Video management software from Axis Surveillance Cards TU6001 Connector 3-pin For more accessories, see axis.com Video management software from Axis Application Development Partners available at axis.com/vms English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese	Programming	AXIS Camera Application Platform; specifications at axis.com		Network
Event actions Send images, publish MOTT, send notifications, overlay text, power saving mode, recordings, SNMP trap messages, status LED, video clips Data streaming Event data Analytics Applications Included AXIS Video Motion Detection Supported Tampering alarm Support for AXIS Camera Applications Platform enabling installation of third-party applications, see axis.com/acap Cybersecurity Edge security Software: Signed firmware, brute force delay protection, AES-XTS-Plain64 256bit SD card encryption Send images, publish MOTT, send notifications, overlay text, power saving mode, recordings, SNMP trap messages, status LED, AXIS TU6004-E Cable, AXIS TU6005 Plenum Cable, AXIS F7225-RE Pinhole Sensor Included accessories Installation guide, Windows® decoder 1-user license AXIS Surveillance Cards TU6001 Connector 3-pin For more accessories, see axis.com AXIS Companion, AXIS Camera Station, video management software at axis.com/vms English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese		ONVIF® Profile G and ONVIF® Profile S, specification at onvif.org	Dimensions	21 x 107 x 110 mm (0.8 x 4.2 x 4.3 in)
power saving mode, recordings, SNMP trap messages, status LED, video clips Data streaming Event data Analytics Applications Included AXIS Video Motion Detection Supported Tampering alarm Support for AXIS Camera Applications, see axis.com/acap Cybersecurity Edge security Data streaming Event data Event data Included accessories Included AXIS Surveillance Cards TU6001 Connector 3-pin For more accessories, see axis.com AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap Cybersecurity Edge security Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption hardware AXIS F21 Sensor Unit, AXIS F4105-LRE Dome Sensor, AXIS F7225-RE Pinhole Sensor Included accessories Optional accessories Video management software from AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese	Event conditions	Device status, edge storage, scheduled event, video	Weight	120 g (0.3 lb)
Applications Applications Included AXIS Video Motion Detection Supported Tampering alarm Support for AXIS Camera Applications, see axis.com/acap Cybersecurity Edge security Software: Signed firmware, brute force delay protection, AES-XTS-Plain64 256bit SD card encryption AXIS Surveillance Cards TU6001 Connector 3-pin For more accessories, see axis.com Video management software from AxIS Camera Station, video management software at axis.com/vms English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese	Event actions	power saving mode, recordings, SNMP trap messages, status LED,		AXIS F21 Sensor Unit, AXIS F4105-LRE Dome Sensor,
Applications Included AXIS Video Motion Detection Supported Tampering alarm Support for AXIS Camera Applications, see axis.com/acap Cybersecurity Edge security Software: Signed firmware, brute force delay protection, aES-XTS-Plain64 256bit SD card encryption Optional accessories TU6001 Connector 3-pin For more accessories, see axis.com AXIS Camera Station, video management software AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese	Data streaming	Event data		Installation guide, Windows® decoder 1-user license
AXIS Video Motion Detection Supported Tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap Cybersecurity Edge security Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption TU6001 Connector 3-pin For more accessories, see axis.com AXIS Cideo Motion Detection For more accessories, see axis.com AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese	Analytics			
Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap Cybersecurity Edge security Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption management software from Axis Application Development Partners available at axis.com/vms English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese	Applications	AXIS Video Motion Detection		TU6001 Connector 3-pin
Edge security Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese		Support for AXIS Camera Application Platform enabling	management	software from Axis Application Development Partners available
authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese	Cybersecurity		Languages	
Hardware: Axis Edge Vault cybersecurity platform Warranty 5-year warranty, see axis.com/warranty	Edge security	authentication, password protection, AES-XTS-Plain64 256bit SD card encryption		Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai,
		Hardware: Axis Edge Vault cybersecurity platform	Warranty	5-year warranty, see axis.com/warranty

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AXIS F9104-B Main Unit



Maximum allowable temperatures. If the ambient temperature is 35 °C (95 °F) or higher, the temperature of the components increases and they must be cooled.

