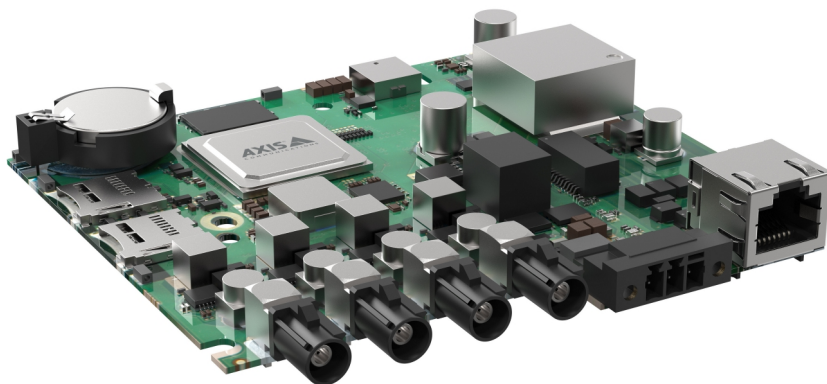


AXIS F9104-B Main Unit

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

System on chip (SoC)

| | |
|---------------|------------------------------|
| Model | ARTPEC-7 |
| Memory | 2x 1024 MB RAM, 512 MB Flash |

Video

| | |
|--------------------------|--|
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG |
| Resolution | 1920x1080 HDTV 1080p |
| 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 JPEG 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, 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 protocols | IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS, HTTP/2, TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/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

| | |
|--|--|
| Application Programming Interface | Open API for software integration, including VAPIX® and AXIS Camera Application Platform; 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 |
| Event actions | Send images, publish MQTT, 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 AXIS People Counter, 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 |
|----------------------|--|

Hardware: Secure boot, Axis Edge Vault with Axis device ID, secure keystore (CC EAL4+ certified hardware protection of cryptographic operations and keys)

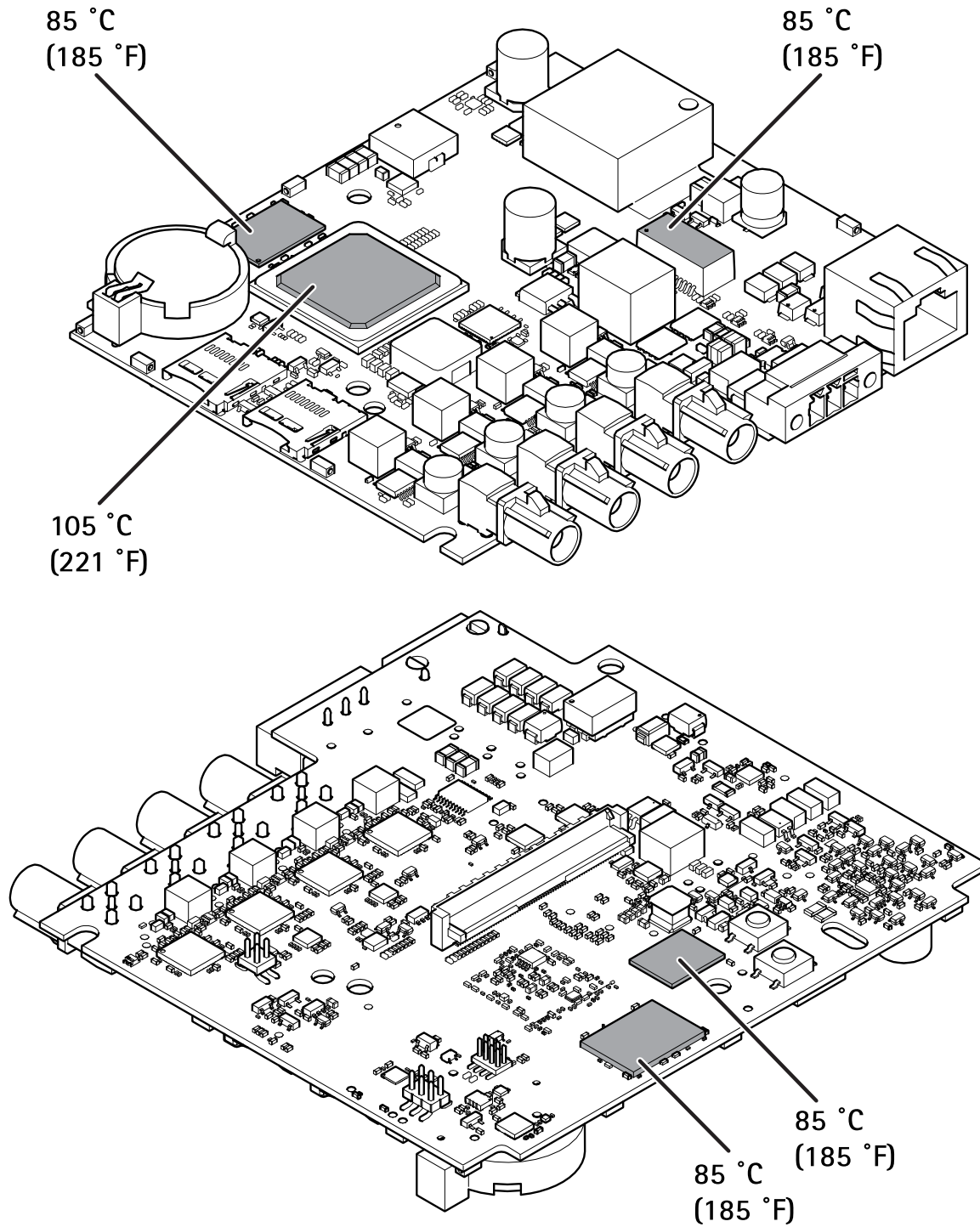
| | |
|-------------------------|--|
| Network security | IEEE 802.1X (EAP-TLS), IEEE 802.1AR, HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, IP address filtering |
|-------------------------|--|

| | |
|----------------------|---|
| Documentation | <i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity |
|----------------------|---|

General

| | |
|----------------------------------|--|
| Sustainability | PVC free |
| Power | Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4 10–48 V DC, typical 9 W, max 25.5 W |
| Connectors | RJ45 for 10BASE-T/100BASE-TX/1000BASE-T PoE 4x FAKRA for sensor units 3-pin terminal block for 10–48 V DC input |
| Storage | Support for microSD/microSDHC/microSDXC card and encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com |
| Operating conditions | –40 °C to 60 °C (–40 °F to 140 °F) Humidity 10–85% RH (non-condensing) |
| Storage conditions | –40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing) |
| 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 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 | Installation guide, Windows® decoder 1-user license |
| Optional accessories | AXIS Surveillance Cards TU6001 Connector 3-pin For more accessories, see axis.com |
| Video management software | AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms |
| Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese |
| Warranty | 5-year warranty, see axis.com/warranty |

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.