

Product Specification

Overview of 4 & 5-cam installations

360° cameras/4 cameras



Great views all around the vehicle
View loading and unloading to protect people and payloads
No blindspots
lenses connect to single F44 camera unit
Remote access

360° cameras/5 cameras



As 4-cam, but additional fifth camera can be installed anywhere (eg in-cab/ on payload)

- Axis F1005-E Sensor unit (front lens)
- AXIS F1035-E Sensor Unit (side & rear lenses) x3 (fisheye lenses; option to have traditional view lenses if preferred)
- Axis P12XX series network cam (fifth cam)
- AXIS F44 Dual Audio Input Main Unit(lenses connect to this camera unit)
- Teltonika RUT240 router
- Also included: SD card, Axis midspan & trim rings
- Data security

Please note: Further options are available, such as sidescan or reversing sensors; routing & scheduling software; axle-weight-load sensors; FMS gateway (please contact us for details, they are not covered here)



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AXIS F1005-E SENSOR UNIT (FRONT LENS)

RUGGED DESIGN FOR INDOOR, OUTDOOR AND MOBILE SURVEILLANCE

AXIS F1005-E is a versatile sensor unit for discreet indoor, outdoor and mobile surveillance. It can be installed in tight places and flush-mounted in a wall or ceiling. For use with an AXIS F Main Unit, AXIS F1005-E provides a 1080p resolution and a wide 113° horizontal field of view. It also supports Wide Dynamic Range (WDR) – Forensic Capture, ideal for scenes with very bright and dark areas. The rugged sensor unit withstands dust, rain, snow, vibration, shock and impact. AXIS F1005-E comes with 3- or 12-m (10/39 ft.) pre-mounted cable for connection to a main unit. A vari-angle mounting bracket is included.

- > Flexible, rugged design for indoor, outdoor and mobile use
- > Fixed lens with 1080p resolution
- > Wide 113° horizontal field of view
- > WDR - Forensic Capture (with AXIS F41/F44 Main Unit)



Web page: <https://www.axis.com/products/axis-f1005-e-sensor-unit>

PDF datasheet: <https://www.axis.com/dam/public/10/e6/1a/datasheet-axis-f1005-e-sensor-unit-en-US-273856.pdf>

AXIS F1035-E SENSOR UNIT (SIDE & REAR LENSES)

FISHEYE LENS FOR WIDE AREA SURVEILLANCE INDOORS OR OUTDOORS

AXIS F1035-E is ideal for highly discreet, wide area coverage in indoor, outdoor and in-vehicle surveillance applications, such as in buses and trams. For use with an AXIS F Main Unit, AXIS F1035-E provides a 1080p resolution and a fisheye lens with a 194° horizontal field of view. The unit also supports Wide Dynamic Range (WDR) – Forensic Capture, ideal for scenes with very bright and dark areas. The rugged AXIS F1035-E withstands dust, rain, snow, vibration, shock and impact. It comes with a 3- or 12-m (10/39 ft.) pre-mounted cable for connection to a main unit. A vari-angle mounting bracket is included.

- > Flexible, rugged design for indoor, outdoor and mobile use
- > Fisheye lens with 1080p resolution
- > Ultra-wide 194° horizontal field of view
- > WDR – Forensic Capture (with AXIS F41/F44 Main Unit)



Web page: <https://www.axis.com/products/axis-f1035-e-sensor-unit>

PDF datasheet: <https://www.axis.com/dam/public/ba/ea/30/datasheet-axis-f1035-e-sensor-unit-en-US-274074.pdf>

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



Product web page: <https://www.axis.com/products/axis-f44-dual-audio-input>

PDF datasheet: <https://www.axis.com/dam/public/50/91/42/datasheet-axis-f44-dual-audio-input-main-unit-en-US-280380.pdf>

AXIS P12XX SERIES NETWORK CAM (FIFTH CAM)

COMPLETE, STREAMLINED MODULAR CAMERAS FOR DISCREET SURVEILLANCE

We will choose the appropriate fifth camera from this range – as best fitted to the requirements and location.

AXIS P12 Network Camera Series offers complete, cost-effective cameras with visual sensor (HDTV 720p/1080p) and thermal (208x156) units for exceptionally discreet indoor and outdoor surveillance. The design allows the cameras to easily blend in with the environment. The thermal models allow for intrusion detection and incident identification without compromising individuals' identities.

- Functional and extremely discreet design
- Easy and flexible installation
- Visual and thermal models
- Edge storage
- Zipstream



Web page (with links to PDF datasheets): <https://www.axis.com/products/axis-p12-series>

TELTONIKA RUT240 ROUTER

RUT240 IS AN ALL-TIME BESTSELLER INDUSTRIAL 4G LTE WI-FI ROUTER FOR PROFESSIONAL M2M & IOT APPLICATIONS.

- It delivers high performance for mission-critical cellular communication in rigorous environments.
- RUT240 is widely used for 4G backup, Remote Connection, Advanced VPN, and tunneling services in IoT networking solutions.
- WAN failover ensures automatic switch to alternative backup connection in case of any connectivity issues.
- The Wi-Fi is functional in both: Access point and Station mode at the same time.



Web page: <https://teltonika-networks.com/product/rut240/>

Wiki: <https://wiki.teltonika-networks.com/view/RUT240>

ALSO INCLUDED:

AXIS SURVEILLANCE CARD 128 GB

High endurance microSDXC™ card

- Optimized for surveillance cameras
- Health monitoring ready
- SD card adapter included
- 3-year warranty

Web page: <https://www.axis.com/en-gb/products/axis-surveillance-card-128-gb>

AXIS T8120 MIDSPAN 15 W 1-PORT

Single port PoE midspan, IEEE 802.3af (15W). The midspan can be installed on a wall, shelf or DIN rail with an accessory DIN clip

Web page: <https://www.axis.com/en-gb/products/axis-t8120-midspan-15-w-1-port>

AXIS F8212 TRIM RINGS

Recessed mounting of sensor units and cameras

Web page: <https://www.axis.com/products/axis-f8212-trim-ring>

SIM CARD

to allow access to mobile network

DATA SECURITY

MASTER DATABASE

All customer data (apart from the video files themselves) are stored in a bespoke Microsoft Dynamics Customer Relationships Management database, with secure access that requires three-form authentication:

- VPN
- Duo agent
- Windows authentication

Our data system is powered by a high-availability cluster platform – with front end access via Microsoft Dynamics deployed over a network-load-balanced environment.

The database for our analytics and telematics service is hosted in Microsoft Azure – with all of the security, reliability and resilience provided by the Microsoft enterprise-standard environment. Within Azure, we can specify the geographical location, which will be within the EU.

DATA TRAVEL

Data traffic for remote access to the master database occurs only within an encrypted secure VPN.

Data travel between systems occurs through two routes:

1. Via Think Automation – private & restricted connection string to SQL
2. API – private & restricted with authentication

VIDEO FILES

Video is hosted on Vimeo in a Premium plan, with privacy protection meaning that videos are:

- Not publicly listed
- Not accessible to search engines
- Available in full HD
- Only available to people with the direct link

GDPR

Personal data are protected by automated redaction of identifiable features – such as faces, numbers and letters.