AXIS TU8008 Media Converter

Converts Ethernet to fiber 12 V DC

AXIS TU8008 Media Converter supports daisy-chain connections, with camera capacity dependent on bit rate and link limitations. Ideal for long-distance installations like city surveillance and airports, it mitigates lightning risks and enables remote camera maintenance via monitors or laptops. It also offers easy conversion with RJ45 and dual SFP slots for cost-effective long-distance connections. It supports additional cameras or temporary laptop links for local service (external power required). Flexible installation options include wall or DIN rail mounting, with reliable operation across a wide temperature range (-40°C to +75°C).

- > Convert Ethernet to optical fiber
- > Reliable configuration
- > Two SFP slots and two RJ45 ports
- > 12-48 V DC or 24 V AC



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Approvals

Product markings
CE, FCC, ICES, RCM, UL/cUL

Supply chain
TAA compliant

EMC
CISPR 32 Class A, EN 55035, EN 55032 Class A, EN 61000-6-1, EN 61000-6-2
Australia/New Zealand: RCM AS/NZS CISPR 32 Class A
USA: FCC Part 15 Subpart B Class A

Safety
CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3

Environment
IEC 60068-2-6, IEC 60068-2-27, IEC 60068-2-32

General

Casing
IP30-rated
Steel casing
Color: Black NCS S 9000–N

Mounting
Wall, DIN rail

Power
12–48 VDC/22–26 VAC, max 4.92 W

Connectors
Network: 2x Shielded RJ45 10BASE-T/100BASE-T/1000BASE-T
Network: 2x SFP connectors (100/1G/2.5GBASE-X) SFP fiber optic modules
6-pin AC/DC power and alarm terminal connector

LED indicators
2x Power LED indicator
6x Network LED indicator
1x Alarm LED indicator

Operating conditions
Temperature: -40 °C to 75 °C (-40 °F to 167 °F)
Humidity: 5–95% RH (non-condensing)

Storage conditions
Temperature: -40 °C to 75 °C (-40 °F to 167 °F)
Humidity: 5–95% RH (non-condensing)

Dimensions
For the overall product dimensions, see the dimension drawing in this datasheet.

Weight
419 g (0.9 lb)

Box content
Media converter, DIN rail clip, wall mount, installation guide

Warranty
3-year warranty, see *axis.com/warranty*

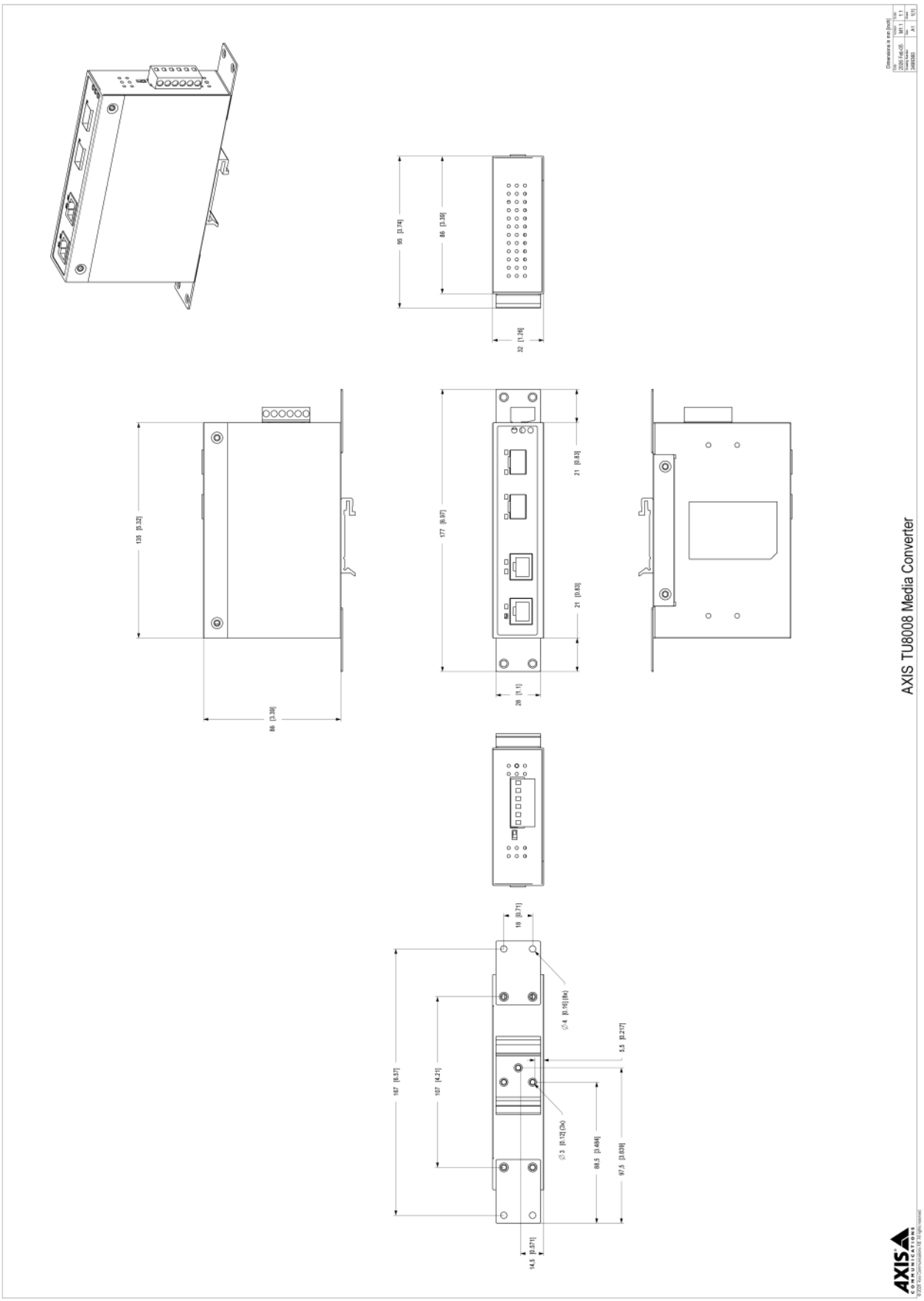
Part numbers
Available at *axis.com/products/axis-tu8008#part-numbers*

Sustainability

Substance control
PVC free
RoHS in accordance with EU RoHS Directive 2011/65/EU and 2015/863, and standard EN IEC 63000:2018
REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see *echa.europa.eu*

Materials
Screened for conflict minerals in accordance with OECD guidelines
To read more about sustainability at Axis, go to *axis.com/about-axis/sustainability*

Environmental responsibility
axis.com/environmental-responsibility
Axis Communications is a signatory of the UN Global Compact, read more at *unglobalcompact.org*



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