

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](#)



AXIS TU8008 Media Converter

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

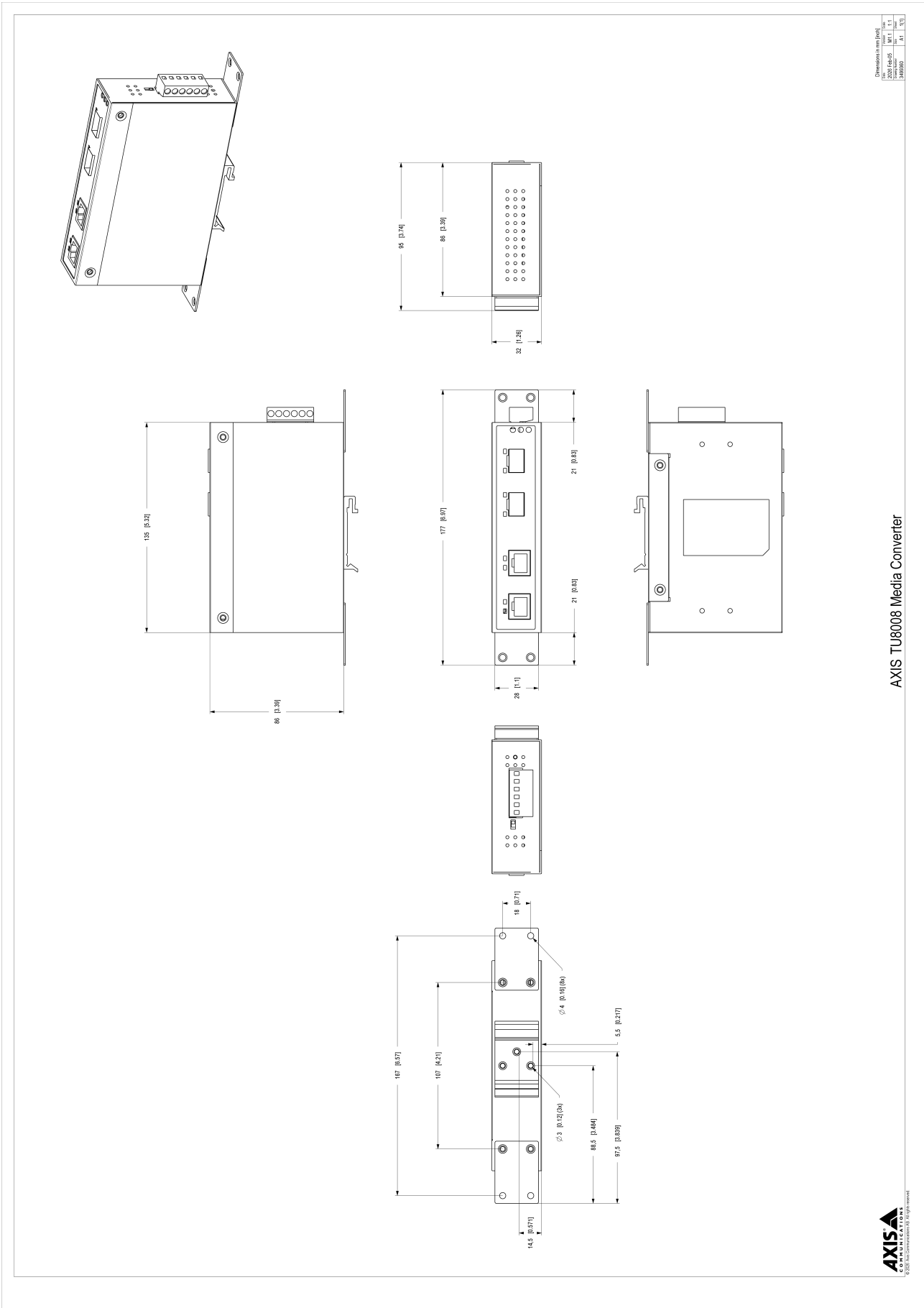
Screened for conflict minerals in accordance with OECD guidelines

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



Dimension	Value	Unit
138	5.57	mm [inches]
86	3.39	mm [inches]
98	3.74	mm [inches]
86	3.39	mm [inches]
32	1.26	mm [inches]
177	6.97	mm [inches]
21	0.83	mm [inches]
21	0.83	mm [inches]
28	1.1	mm [inches]
167	6.57	mm [inches]
107	4.21	mm [inches]
14.5	0.57	mm [inches]
18	0.71	mm [inches]
88.5	3.484	mm [inches]
97.5	3.839	mm [inches]
5.5	0.217	mm [inches]

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