Ex Connection Rails PoE
High-performance PoE switch for hazardous areas

Ex Connection Rail PoE is available with 4 or 8 ports. They are high-performance PoE switches with 24 V DC power supply for hazardous areas. They are designed to connect explosion-protected network cameras in the ExCam series over long distances. The network connection can be realized via optical fibers or copper-bound Ethernet. The power supply provides additional power to heat up the cameras in sub-zero environments. The Ex d-rated enclosure is made from seawater-resistant copper-free aluminum and ready for wall mounting.

> **Long-distance connection**

> **Resistant to corrosion**

> **Provides extra power for sub-zero environments**

> **Ready for wall mounting**

Ex Connection Rail 4-port PoE

Models	Ex Connection Rail 4-port PoE MM Ex Connection Rail 4-port PoE SM
General	
Casing	Copper-free, seawater-resistant aluminum alloy Coated in RAL7035
Sustainability	PVC free
Connectors	Terminal connector for power 8x M20x1.5 cable entries 6x M25x1.5 cable entries 4x RJ45 10BASE-T/100BASE-TX, IEEE 802.3af/at, max 30 W per port 1x 100BASE-TX Ex Connection Rail 4-port PoE MM: 1x 100BASE-FX (multi-mode, ST) Ex Connection Rail 4-port PoE SM: 1x 100BASE-FX (single-mode, SC)
Power	**Input:** 100–240 V AC, max 520 V A **Output:** 4x 24 V DC, 4x 60 W
Operating conditions	-60 °C to 50 °C (-76 °F to 122 °F) Humidity 10–100% RH (condensing)
Storage conditions	-60 °C to 50 °C (-76 °F to 122 °F)
Approvals	IEC/EN 60529 IP66, TR CU 012/2011, EN/IEC 60079-0, GOST 31610.0, EN/GOST/IEC 60079-1, EN/IEC 60079-28, GOST 31610.28, EN/GOST/IEC 60079-31
Certifications	**Model key:** T04.4-D-4PoE+-100BaseFX **ATEX:** II 2 G Ex d IIC [op pr] T5 Gb, II 2 D Ex tb IIIC [op pr] T95°C Db **Certificate:** ATEX TÜV 10 ATEX 7969 X **IECEx:** Ex d IIC [op pr] T5 Gb, Ex tb IIIC [op pr] T95°C Db **Certificate:** IECEx TUR 16.0025X **EAC Ex:** 1Ex d [op pr] IIC T5 Gb, Ex tb [op pr] IIIC T95°C Db IP66 **Certificate:** No.TC: RU C-DE.АБ61.В.00380/19
Dimensions	Diameter: ø 289 mm ø 11 3/8 in Length: 227 mm (8 15/16 in)
Weight	16 kg (34 lb)
Included accessories	2x cable gland M25x1.5 (pressure barrier) (FOC) for 11.1–20.0 mm (7/16–13/16 in) cable diameter
Warranty	Axis 3-year warranty, see *axis.com/warranty*

Ex Connection Rail 8-port PoE

Models	Ex Connection Rail 8-port PoE MM
General	
Casing	Copper-free, seawater-resistant aluminum alloy Coated in RAL7035
Sustainability	PVC free
Connectors	8x RJ45 10BASE-T/100BASE-TX, IEEE 802.3at, max 30W per port 2x 1000BASE-TX 1x 1000BASE-SX (multimode 850 nm, LC) Terminal connector for power 8x M20x1.5 cable entries 10x M25x1.5 cable entries
Power	**Input:** 100–240 V AC, max 835 V A **Output:** 8x 24 V DC, 8x 60 W
Operating conditions	-60 °C to 50 °C (-76 °F to 122 °F) Humidity 10–100% RH (condensing)
Storage conditions	-60 °C to 50 °C (-76 °F to 122 °F)
Approvals	IEC/EN 60529 IP66, TR CU 012/2011, EN/IEC 60079-0, GOST 31610.0, EN/GOST/IEC 60079-1, EN/IEC 60079-28, GOST 31610.28, EN/GOST/IEC 60079-31
Certifications	**Model key:** T04.5-D-8PoE+-1000Base-SX
	ATEX: II 2 G Ex d IIC [op pr] T5 Gb, II 2 D Ex tb IIIC [op pr] T95°C Db **Certificate:** ATEX TÜV 10 ATEX 7969 X **IECEx:** Ex d IIC [op pr] T5 Gb, Ex tb IIIC [op pr] T95°C Db **Certificate:** IECEx TUR 16.0025X **EAC Ex:** 1Ex d [op pr] IIC T5 Gb, Ex tb [op pr] IIIC T95°C Db IP66 **Certificate:** No.TC: RU C-DE.АБ61.В.00380/19
Dimensions	Diameter: ø 348 mm ø 13 11/16 in Length: 230 mm (9 1/16 in)
Weight	25 kg (56 lb)
Included accessories	2x cable gland M25x1.5 (pressure barrier) (FOC) for 11.1–20.0 mm (7/16–13/16 in) cable diameter
Warranty	Axis 3-year warranty, see *axis.com/warranty*

Environmental responsibility:

axis.com/environmental-responsibility

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