

Ex Connection Rails PoE PS24

High-performance PoE switch for hazardous areas

Ex Connection Rail PoE PS24 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 PS24

General		Approvals
Casing	Copper-free, seawater-resistant aluminum alloy Coated in RAL7032	IEC/EN 60529 IP66, IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-28, IEC/EN 60079-31
Sustainability	PVC free	Certifications
Connectors	4x RJ45 10BASE-T/100BASE-TX, IEEE 802.3at, max 30W per port 1x 100BASE-TX 1x 100BASE-FX (multimode 850 nm, LC) Terminal connector for power 8x M20x1.5 cable entries 6x M25x1.5 cable entries	ATEX: Ex II 2G Ex d IIC [op pr] T5 Gb, Ex II 2D Ex tb IIIC T95°C Db ATEX TÜV 10 ATEX 7969 X IECEX: Ex d IIC [op pr] T5 Gb, Ex tb IIIC T95°C Db IECEX TUR 16.0025X EAC: Ex d IIC [op pr] T5 Gb, Ex tb IIIC T95°C Db EAC TC RU C-DE MIxxx.x.xxxxx
Power	Input: 100–240 V AC, max 520 V A Output: 4x 24 V DC, 4x 30 W	Dimensions
Operating conditions	-60 °C to 50 °C (-76 °F to 122 °F) Humidity 10–100% RH (condensing)	Diameter: ø 289 mm ø 11 3/8 in Length: 227 mm (8 15/16 in)
Storage conditions	-60 °C to 50 °C (-76 °F to 122 °F)	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 PS24

General		Approvals
Casing	Copper-free, seawater-resistant aluminum alloy Coated in RAL7032	ATEX TÜV 10 ATEX 7969 X IECEX: Ex d IIC [op pr] T5 Gb, Ex tb IIIC T95°C Db IECEX TUR 16.0025X EAC: Ex d IIC [op pr] T5 Gb, Ex tb IIIC T95°C Db EAC TC RU C-DE MIxxx.x.xxxxx
Sustainability	PVC free	Dimensions
Connectors	8x RJ45 10BASE-T/100BASE-TX, IEEE 802.3at, max 30W per port 2x 100BASE-TX 1x 100BASE-SX (multimode 850 nm, LC) Terminal connector for power 8x M20x1.5 cable entries 10x M25x1.5 cable entries	Diameter: ø 289 mm ø 13 11/16 in Length: 230 mm (9 1/16 in)
Power	Input: 100–240 V AC, max 835 V A Output: 8x 24 V DC, 8x 30 W	Weight
Operating conditions	-60 °C to 50 °C (-76 °F to 122 °F) Humidity 10–100% RH (condensing)	25 g (56 lb)
Storage conditions	-60 °C to 50 °C (-76 °F to 122 °F)	Included accessories
Approvals	IEC/EN 60529 IP66, IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-28, IEC/EN 60079-31	2x cable gland M25x1.5 (pressure barrier) (FOC) for 11.1–20.0 mm (7/16–13/16 in) cable diameter
Certifications	ATEX: Ex II 2G Ex d IIC [op pr] T5 Gb, Ex II 2D Ex tb IIIC T95°C Db	Warranty
		Axis 3-year warranty, see axis.com/warranty

Environmental responsibility:
www.axis.com/environmental-responsibility