

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	IEC/EN 60529 IP66, IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-28, IEC/EN 60079-31
Casing	Copper-free, seawater-resistant aluminum alloy Coated in RAL7032	Certifications	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
Sustainability	PVC free	Dimensions	Diameter: ø 289 mm ø 11 3/8 in Length: 227 mm (8 15/16 in)
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	Weight	16 kg (34 lb)
Power	Input: 100–240 V AC, max 520 V A Output: 4x 24 V DC, 4x 30 W	Included accessories	2x cable gland M25x1.5 (pressure barrier) (FOC) for 11.1–20.0 mm (7/16–13/16 in) cable diameter
Operating conditions	–60 °C to 50 °C (–76 °F to 122 °F) Humidity 10–100% RH (condensing)	Warranty	Axis 3-year warranty, see axis.com/warranty
Storage conditions	–60 °C to 50 °C (–76 °F to 122 °F)		

Ex Connection Rail 8-port PoE PS24

General		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
Casing	Copper-free, seawater-resistant aluminum alloy Coated in RAL7032	
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 30 W	
Operating conditions	–60 °C to 50 °C (–76 °F to 122 °F) Humidity 10–100% RH (condensing)	Dimensions Diameter: ø 289 mm ø 13 11/16 in Length: 230 mm (9 1/16 in) Weight 25 g (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: www.axis.com/environmental-responsibility
Storage conditions	–60 °C to 50 °C (–76 °F to 122 °F)	
Approvals	IEC/EN 60529 IP66, IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-28, IEC/EN 60079-31	
Certifications	ATEX: Ex II 2G Ex d IIC [op pr] T5 Gb, Ex II 2D Ex tb IIIC T95°C Db	