

PC-PIGE401C-Serie

Industrial switch with PoE+ and optical uplink

- Switch for video applications with PoE+
- DIN rail mounting
- Copper ports: 4x10/100TX, RJ45, PoE+
- FO port: 1x100BaseFX SC duplex
- Power supply with PoE: 44-56VDC
- Power supply without PoE: 9-56VDC



High-quality and robust switch with four ports 10/100TX PoE+ and one optical port with 100BaseFX for multimode or singlemode fibers, depending on model. The switch is specifically designed for industrial environments and is ideally suited for use in video surveillance networks. Up to four IP cameras can be connected to the switch and powered directly through the switch by the PoE+. The uplink to a video center is made via optical fibers. Depending on the type of fiber, the model PC-PIGE401C-M for multimode fibers or the model PC-PIGE401C-S for singlemode fibers must be selected. Due to the extended operating temperature, the device is suitable for outdoor installation. Mounting is very quick and easy thanks to the mounting device for mounting rails. Wall or table mounting is also possible with the supplied mounting plates. The electrical and optical connections are ensured by standardised RJ45 or SC connectors.

Technical data

General properties

supply voltage	Speisung nur Switchbetrieb: 9-56VDC, redundante Einspeisung möglich Speisung mit PoE: 44-56VDC, redundante Einspeisung möglich
power consumption	Max. 4W (ohne PoE)
MTBF	
operating temperature	-40°C bis +75°C
dimensions	142x37x105mm (HxBxL)
weight	500g



interfaces

copper ports	4 x 10/100TX with PoE+ 802.3af/at Maximum PoE performance across all ports: 120W
optical fibre ports	1 x 100BaseFX, SC-Duplex

network properties

backplane	1GBit/s
MAC-table	1k
PoE Management	
security	FCC Class A, CE, UL

standards	802.3, 10Base-T Ethernet
	802.3u, 100BaseTX und 100BaseFX Fast Ethernet
	802.3x, Flow Control und Back Pressure
	802.3af Power over Ethernet
	802.3at Power over Ethernet+
	EN55022/24, ITE Equipment
	EN50155, Electronic device for railway applications
	EN50121-3-2, railway application, electromagnetic compatibility
	EN50121-4, railway application, electromagnetic compatibility
	EN55011, ISM (Industrial, Scientific and Medical Equipment)
	EN60950-1, security
	EN50155 / EN60068-2-6, vibration
	EN50155 / EN60068-2-27, shock
	EN50155 / EN600-2-32 free fall



Product variants

PC-PIGE401C-M	4x10/100TX with PoE+ 1x100BaseFX for multimode fibers, SC duplex connector Maximum distance over multimode fibers approx. 2km Excl. power supply unit
PC-PIGE401C-S	4x10/100TX with PoE+ 1x100BaseFX for singlemode fibers, SC duplex connector Maximum distance over singlemode fibers approx. 30km Excl. power supply unit
Mounting accessories	Supplied mounting accessories for wall and DIN rail mounting

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