

PC-PIGE-502GBTE-B

Industrial switch with PoE+ and optical uplink

- Switch for DIN-rail mounting
- 4 x 10/100/1000 PoE+
- 1 x 10/100/1000TX uplink
- 2 x SFP 100/1000
- Alimentation 12-56VDC



Robust and high quality industrial switch with four ports 10/100/1000TX PoE+ and one port 10/100/1000TX without PoE and two 100/1000SFP bays. Especially designed for an industrial use the switch is made for video surveillance networks. Up to four IP-high definition cameras can be connected to the switch and are powered by PoE+ directly by the switch. Uplink to a video centre is done by copper or by two optional SFP through optical-fibre cables. SFPs allow the use of fibre-optic with multimode or singlemode fibre. Wide range of operating temperature for outdoor use. The switch is made for mounting on DIN-rail bars or tables.

Video network special features

High backplane performance for a fluid video transmission with full port allocation. Support of jumbo frames up to 9600Bytes also with 100MBit/s. Port security through restriction of MAC-addresses.

More information

Spezielle Eigenschaften Alarm relay: In case of drop of the redundant power supply Max. 1A, 24VDC



Technical data

General properties

supply voltage	Power supply switch only: 9-56VDC, redundant power supply is possible PC-PIGE502-GBTE: power supply with PoE: 44-56VDC, redundant power supply is possible PC-PIGE502-GBTE-B: Power supply with PoE. 12-56VDC, redundant power supply is possible
power consumption	Max. 6W (without PoE)
operating temperature	-40°C to +75°C
dimensions	142x43x105mm (Height x Width x Length)

interfaces

copper ports	5 x 10/100/1000TX, therefrom four with PoE+ 802.3af/at Maximum PoE for all ports: When powered with 12VDC: 65W Power supply from 24VDC: 120W Note: if the 5. TX port is in use, the SFP uplink has to be 1Gbit.
uplink ports	2 x 100/1000-SFP-bay



network properties

backplane	10GBit/s
MAC-table	1k
security	FCC Class A, CE, UL
standards	802.3, 10Base-T Ethernet 802.3u, 100BaseTX and 100BaseFX Fast Ethernet 802.3ab, 1000Base-T 802.3z, 1000BaseSX/LX 802.3x, Flow Control and 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-PIGE-502GBTE

4x10/100/1000TX with PoE+
 1x10/100/1000TX without PoE
 2 x100/1000SFP

Excl. SFPs
 Excl. power supply



PC-PIE-502GBTE

4x10/100/1000TX with PoE+
 1x10/100/1000TX without PoE
 2 x100/1000SFP

Excl. SFPs
 Excl. power supply

Mounting accessories

Mounting accessories included for DIN-rail and top hat mounting

Version 26.11.2018, Changes without notice