PC-PIGE502-GBTE-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
- Power supply 12-56VDC, redundant



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.

More information

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

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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	Power consumption max. 6W (without PoE) At full PoE load 130W
MTBF	
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.
optical fibre ports	We recommend the use of our barox SFPs. We do not test or guarantee the compatibility of our devices with SFPs of other manufacturers.
uplink ports	2 x 100/1000-SFP-bay

network properties

backplane	10GBit/s
MAC-table	1k
PoE Management	
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-PITE-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

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