

PC-PITE502-GBTE

Industrial switch with PoE++ and optical uplink

- Switch for video applications with PoE++
- DIN-rail or table mounting
- Copper ports: 4x10/100/1000 with PoE++, RJ45
- Uplink-ports: 2x100/1000 SFP
- Poer supply 48-56VDC, redundant



Robust and high quality industrial switch with four ports 10/100/1000TX 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. Electricl and optical connections are ensured with normed RJ45 or LC plugs.

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



Technical data

General properties

supply voltage	Power supply switch only: 9-56VDC, redundant power supply is possible Power supply with PoE: 44-56VDC, redundant power supply is possible As from PoE+ supply must be with 56VDC
power consumption	Power consumption max. 6W (without PoE) At full PoE load 250W
MTBF	
operating temperature	-40°C up to +75°C
dimensions	142x43x105mm (HxBxL)

interfaces

copper ports	4 x 10/100/1000TX with PoE++ 802.3af/at Maximum PoE for all ports: 240W
optical fibre ports	2 x 100/1000 SFP 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-PITE-502GBTE	4x10/100/1000TX with PoE++ 2 x100/1000SFP Excl. SFPs Excl. power supply
	Mounting accessories	Mounting accessories included for DIN-rail or table mounting

Version 05.06.2023, Changes without notice