

# 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. Electrical and optical connections are ensured with normed RJ45 or LC plugs.

## Video network special features

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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

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



## Technical data

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### General properties

|                       |  |
|-----------------------|--|
| supply voltage        | Power supply switch only: 9-56VDC, redundant power supply is possible<br>Power supply with PoE: 44-56VDC, redundant power supply is possible<br>As from PoE+ supply must be with 56VDC |
| power consumption     | Power consumption max. 6W (without PoE)<br>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<br>Maximum PoE for all ports: 240W   |
| optical fibre ports | 2 x 100/1000 SFP<br><br>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<br>802.3u, 100BaseTX and 100BaseFX Fast Ethernet<br>802.3ab, 1000Base-T<br>802.3z, 1000BaseSX/LX<br>802.3x, Flow Control and Back Pressure<br>802.3af Power over Ethernet<br>802.3at Power over Ethernet+<br>EN55022/24, ITE Equipment<br>EN50155, Electronic device for railway applications<br>EN50121-3-2, railway application, electromagnetic compatibility<br>EN50121-4, railway application, electromagnetic compatibility<br>EN55011, ISM (Industrial, Scientific and Medical Equipment)<br>EN60950-1, security<br>EN50155 / EN60068-2-6, vibration<br>EN50155 / EN60068-2-27, shock<br>EN50155 / EN600-2-32 free fall |



## Product variants

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|                             |  |
|-----------------------------|--|
| <b>PC-PITE-502GBTE</b>      | 4x10/100/1000TX with PoE++<br>2 x100/1000SFP                 |
|                             | Excl. SFPs<br>Excl. power supply                             |
| <b>Mounting accessories</b> | Mounting accessories included for DIN-rail or table mounting |

*Version 05.06.2023, Changes without notice*