



USB Server Gigabit 2.0

innovative infrared technology

Simple cable extension for optris® PI series and optris® CTvideo/ CSvideo series



Features:

- Fully compatible with USB 2.0, Data transfer rate 1.5 / 12 / 480 mbps, USB transfer mode: isochronous
- Network connection via Gigabit Ethernet
- For optris® PI series and optris® CTvideo/ CSvideo series
- Full TCP/IP support incl. routing and DNS
- Two independent USB ports
- Power via PoE or external voltage supply at 24 – 48 V DC
- Galvanic isolation 500 V_{RMS} (network connection)
- Remotely configurable via Web Based Management
- Proven technology from Wiesemann & Theis

Technical Data

USB ports	2x USB A port
USB speed	480 Mbit/s
Network	10/100/1000 BaseT autosensing (max. 1000 Mbit/s)
Power supply	Power-over-Ethernet (PoE) Class 3 (6.49 – 12.95 W) or via screw terminal DC 24 V ... 48 V (+/- 10 %)
Current consumption	External supply (24 V DC) without USB devices: typ. 120 mA External supply (24 V DC) with 2 USB devices each 2.5 W: typ. 420 mA
Ambient temperature	Storage: – 40 ... 85 °C In operation, Assembled individually: 0 ... 50 °C
Relative humidity	0 – 95 % (non-condensing)
Housing	Plastic compact housing for top-hat rail mount, 105 x 75 x 22 mm
Weight	200 g
Scope of delivery	• 1x USB Server Gigabit • 24 VDC power supply • Quickstart guide *enclosed on PIX Connect CD respectively Compact Connect-CD: – USB Redirector – WuTility Management Tool – Operator's manual (EN/DE)

Protocols

USB port protocols	USB 1.0 / 1.1 / 2.0 Control / Bulk / Interrupt / Isochronous
Protocols for direct network connection	TCP/IP: Socket Auxiliary protocols: ARP, DHCP, HTTP, PING Inventory keeping, group management

Connection options

