



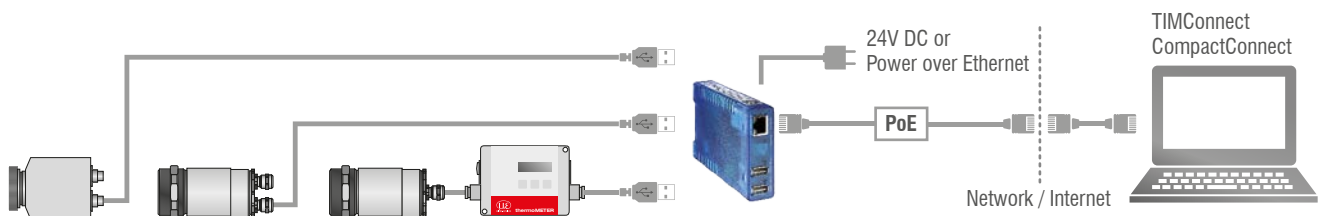
# More Precision

thermo**IMAGER** TIM // Compact thermal imaging cameras



**thermoIMAGER TIM USB Server Gigabit****Simple cable extension for the thermoIMAGER TIM series and pyrometers**

- Fully compatible with USB 2.0, data transfer rate 1.5 / 12 / 480 mbps, USB transfer modes: Control, Bulk, Interrupt, Isochronous
- For all models in the thermoIMAGER TIM series 1x TIM640, 1x TIMQVGA, 2x TIM160S
- Full TCP/IP support incl. routing and DNS
- 2x independent USB ports
- Galvanic isolation 500 V<sub>RMS</sub> (network connection)
- Remote configuration via web-based management



Model	TIM USB Server Gigabit
USB ports	2x independent USB ports
USB speed	480 Mbit/s
Network	10/100/1000 BaseT (max. 1000Mbit/s)
Power supply	Power over Ethernet (PoE) class 3 (6.49 - 12.95 W) or via screw terminal DC 24 V ... 48 V (±10 %)
Power consumption	External power supply (24 V DC) without USB devices: typ. 120 mA External power supply (24 V DC) with 2 USB devices each 2.5 W: typ. 420 mA
Ambient temperature	Storage: -40 ... 85 °C In operation, individually assembled: 0 ... 50 °C
Permissible relative humidity	0 - 95 % (non-condensing)
Housing	Compact plastic housing for DIN rail mount, 105 x 75 x 22 mm
Weight	200 g
Scope of supply	1 x USB Server Gigabit 24 V DC power supply unit Quick guide <sup>1)</sup>
USB 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

<sup>1)</sup> TIMConnect CD or Compact Connect CD: USB redirector | WuTility Management Tool | Operating instructions (DE/EN)

## Sensors and Systems from Micro-Epsilon



Sensors and systems for displacement, distance and position



Sensors and measurement devices for non-contact temperature measurement



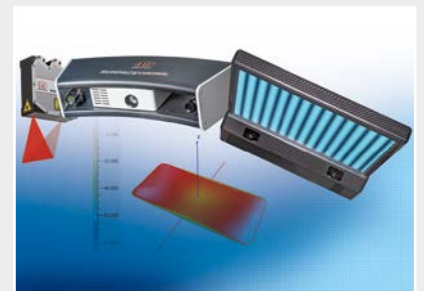
Measuring and inspection systems for metal strips, plastics and rubber



Optical micrometers and fiber optics, measuring and test amplifiers



Color recognition sensors, LED analyzers and inline color spectrometers



3D measurement technology for dimensional testing and surface inspection