



KN-BTPMC-202M

- DIN-rail mounting
- Extensive management
- Copper ports: 2 x 10/100/1000, RJ45
- Copper ports with PoE up to PoE++ 90W, total 180W
- Fibre optic ports: 2 x 100/1000 SFP
- Power supply: 48–56 VDC, redundant
- Extended temperature range

This managed industrial media converter was specifically designed for high-data-load applications, such as Video over IP or video streaming. Its compact design, wide temperature range, and high flexibility make this media converter ideal for remote locations. The media converter features two 100/1000FX SFP optical ports and two 10/100/1000TX copper ports. Both copper ports support PoE in accordance with 802.3af/at/bt up to 90W per port. A maximum of 180W of PoE power can be delivered across both ports. The extensive management functions enable a very high level of security and efficient network configuration.

Produktinformationen

Kurzbeschreibung

Industrial managed media converter with PoE++ for 2 x 10/100/1000BaseTX to 2 SFP

Besonderheit für Videonetze

Active camera monitoring

The switch continuously monitors PoE-powered cameras. If a camera fails, the switch automatically restarts the camera. At the same time, the switch sends an SNMP message.

Active and graphical monitoring of the PoE power supply

If a defective camera, for example, demands too much power from the switch, the switch will trigger an alarm via SNMP. The PoE power is continuously displayed.

Active management of PoE power

When the switch is started up, the individual PoE ports can be started up in a delayed manner in order to prevent overloading of the PoE power supply units.

Jumbo Frames also at 100 Mbit/s

Jumbo Frames up to 10'240Bytes are also supported at 100 Mbit/s.

Spezielle Eigenschaften

The switch has extensive security features. For example, the ACL not only allows the switch itself to protect traffic on the network.

Systemhinweise

The switch supports PTP, precision time protocol according to IEEE1588 v2 and IEC 61588, a feature used in industrial automation, professional audio-video applications for audio-video bridging and telecommunications, among others.

Technische Daten

Kupfer Ports	2 x 10/100/1000TX with PoE++ 802.3af/at/bt Maximum PoE for all ports: 180W
LWL Ports	2 x 100/1000 Mbits/s SFP We recommend the use of our barox SFPs. The compatibility of our devices with SFPs of other brands is not tested and not guaranteed by us.
Konsolenport	3.5mm 3-pin jack, console 1x USB-B socket, for firmware, configuration, logs The adapter cable from jack to USB-A must be ordered separately
Speisespannung	48-57VDC, PoE++ min. 52VDC redundant
Leistungaufnahme	Min. 18W, without PoE max. 200W with max. PoE
Betriebstemperatur	-40 to +75°C
Verlustleistung	104 BTU/h
Abmessungen	42 x 118 x 145 (W x L x H)
Gewicht	Gross weight: 0.93 kg Net weight: 0.74 kg
Konfiguration	IPv4, IPv6, Web, Telnet, Serial Console, CLI, SNMP v1/v2c/v3, uPnP
PoE Management	IEEE 802.3af / at / bt PoE Monitoring PoE Scheduling PoE Priority PD Alive Check (automatic reboot of end devices)
Porteinstellungen	Port Alarm Port state Port link state Port speed Port duplex Port auto negotiation Port flow control Port MDI/MDIX

Port Statusanzeige	Link Status Speed Duplex Flow Control Tx and Rx in Bytes PoE status
Kommunikationsredundanz	RSTP, Rapid Spanning Tree Protocoll ERPS, Ethernet Ring Protection Switching
VLAN	Tag based VLAN, IEEE 802.1X 4k VLAN
Security	IEEE 802.1X RADIUS TACACS+ SSL / SSH