

# THE INTERFACE SOLUTION FOR YOUR BUSINESS



## UBR-BTF | Desk | Mk II

### When timing matters

Our BACnet test framework (BTF) makes pre-testing considerably easier for experts. However, if BACnet devices communicate via the RS-485 serial standard, the exchange of data between the BTF on a Windows computer and the MS/TP (master slave/token passing) fieldbus system faces major challenges. The solution here is the UBR-BTF – a special router that gives the BTF direct access to MS/TP networks. During testing it sends data from the BTF computer to the fieldbus and back again. The connection to the BACnet test framework is made via TCP/IP. The UBR-BTF is available in two versions: as a tabletop unit or for a control cabinet.

Based on our modularity, we develop and manufacture cost-effective and time-efficient solutions for you which are highly innovative and guarantee a secure investment. Take advantage of the expertise we have accumulated over more than 30 years and our experience of customer projects in various industries.

### LAN

RJ45: 10/100 MBit Ethernet  
Link: indicates a LAN connection  
10/100: Indicates the connection speed

### PWR - Power

Power supply  
V+: +12 to +24V DC or 12 to 24V AC  
V-: GND or 12 to 24V AC

### LED

PWR: Illuminated as soon as the device is connected to a suitable operating power supply  
ST: Multicolor status LED  
RX: Flashes when the device is receiving data  
TX: Flashes when the device is sending data

### Reset

Reset button

### MS/TP (RS485)

B+: Non-inverted input  
A-: Inverted input  
SGND: Ground connection  
Shld: shielding

### DIP-Schalter

Bias: voltage MS/TP (RS485)  
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Termination resistance: 120 Ohm

### BACnet Routing options

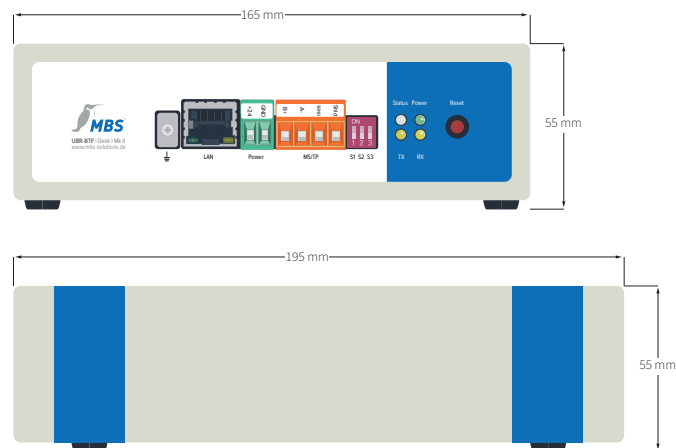
BACnet / IP  
BACnet / Ethernet (ISO 8802-3)  
BACnet / MS/TP (RS485)  
BBMD (BACnet Broadcast Management Device)  
FD (Foreign Device)  
DHCP-Server  
Integrated network and bias resistors (switchable)

### Features

Slave-Proxy Mode  
Auto-Slave-Detection  
ARM9 processor  
200MB  
integrated Web server for configuration and analysis  
No Moving parts such as fans or similar  
Monitoring of all functions with hardware and software watchdog  
After a power failure of the UBR-BTF router automatically restarts  
Supporting international language packages  
DHCP-Server (Dynamic Host Configuration Protocol)  
Integrated and switchable network and bias resistors  
10/100 Mbit/s Network connection

### PE

PE Ground/Shield with M3 screw



Need help with commissioning?

Contact us!

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### Specifications

**Power consumption:** 1,7 watts  
**Weight:** 571 grams  
**Dimensions:** height: 55 mm, width: 165 mm, depth: 195 mm  
**Umgebungstemperatur:** 0...45°C, 23...113°F  
**Umgebungsfeuchte:** 20...80 per cent relative humidity, non-condensing  
**Assembly:** Table-top unit

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\*This product is CE certified  
\*Specifications subject to change

