

Description

- BACnet IP to BACnet MS/TP router (64 MS/TP Dev. Max)
- Onboard Color Display
- WEB Services for settings & configurations
- Preloaded with generic BACnet objects (AV, BV & MSV)
- BTL certified as a BACnet router (B-RTR Pending)
- Part Number: OCR



Application

The OCR Router is tailored for seamless integration with the Strato Automation OCN+ server, specifically aimed at incorporating BACnet MSTP devices into the server environment. Equipped with preloaded generic BACnet objects, it empowers users with robust and adaptable solutions. The built-in Node Red API editor within the OCN+ server further enables easy customization for enhanced flexibility.

Technical specifications

Power supply:

- 24 VAC/VDC $\pm 15\%$; Class 2
- 2 A Field Replaceable Fuse
- 6 VA controller only

Communication protocols:

- BACnet IP - Native
- BACnet MS/TP Bus
- Baud rates: 9600, 19200, 38400, 76800 Bps
- BACnet MSTP to IP router
- EOL resistor built-in, jumper
- Mini USB2 MS/TP network access (Strato Automation USB-485 cable adapter)

Hardware

- Microprocessor: STM32 (ARM Cortex™ M3) 32 bits
- CPU Speed: 180MHz
- Memory: 2 M.B. non-volatile Flash
- RAM: 256 KB RAM
- Real-time clock (RTC): Built-in capacitor (one- week backup)

Accessibility:

- Local web browser

Mechanical:

Dimensions

- 3.5" x 7.5" x 1.6"
- 89 mm x 191 mm x 42 mm
- Stacking temperature:
 - -30 °C to 50 °C / -22 °F to 122 °F
- Operating conditions:
 - -25 °C to 45 °C / -13 °F to 113 °F
 - 10% to 90% H.R. without condensation
- Weight: 315 g / 0.7 lb
- Mounting type:
 - Quick mount on DIN rail or with a retractable screw clip system.
- Enclosure:
 - White color, ABS material UL94VO

Warranty: 1 Year

Certifications:

- UL 916 Energy Management Equipment
- BTL listed: BACnet router (pending)

