

Description

- BACnet IP to BACnet MS/TP router (64 MSTP devices max)
- Color display for visualizations.
- Local WEB page services for easy settings & configurations
- Preloaded BACnet (AV, BV, PID & MSV) for NodeRed side loops
- BTL certified as a BACnet router (*pending)
- Part Number: OCR



Application

The OCR router is purpose-built for seamless integration with the Strato Automation OCN+ server. It streamlines the incorporation of BACnet MSTP devices into the OCN+ server environment. Equipped with preloaded generic BACnet objects, it empowers users with robust and adaptable solutions, which can be tailored using the integrated Node Red API/side loop editor within the OCN+ server.

Technical specifications

Power supply:

- 24 VAC/VDC \pm 15%; Class 2
- 2.0A Field replaceable fuse

Current consumption:

- 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, switch
- 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
- SRAM 2MB
- Real-time clock (RTC): Built-in capacitor (one-week backup)

Accessibility:

- Local web browser page

Mechanical: 3.5" x 7.5" x 1.6"

- 89 mm x 191 mm x 42 mm
- Stocking temperature:
-30 °C to 50 °C / -22 °F to 122 °F
- Operating conditions:
0 °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 (snap track).
- Enclosure:
White color, ABS material UL94VO

Warranty: 1 year

Certifications:

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

