



Turn to the Experts.™

i-Vu Open Router

Part Number: CIV-OR

The i-Vu Open Router provides BACnet routing capabilities between the i-Vu Open Control System backbone (BACnet/IP), and a subnetwork of Open controllers (MS/TP). It connects directly to the Ethernet LAN and provides access to an MS/TP network of Open controllers directly from an i-Vu Open web server that resides on the Ethernet. It also increases the capacity of the i-Vu Open Control System, allowing individual MS/TP networks (with up to 60 Open controllers each), to be connected together via the i-Vu Open Control System backbone. Because the i-Vu Open Router allows for the use of existing LAN wiring, it is an ideal solution for integrating BACnet into any building or facility.

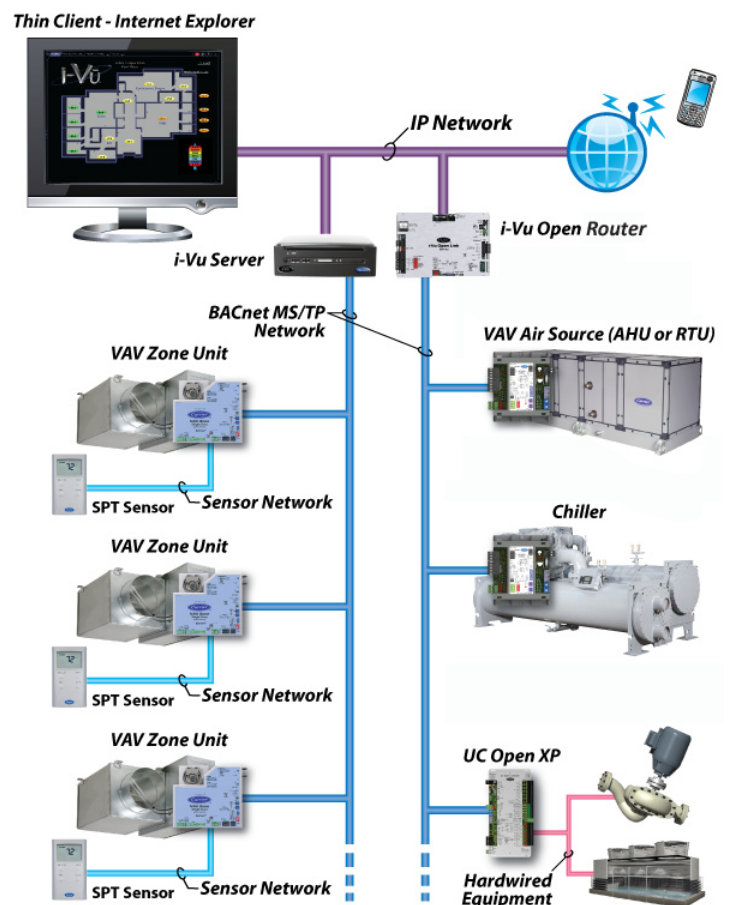
Hardware Features

- Rugged aluminum cover for durability
- Supports 10/100BaseT Ethernet and DHCP/ static IP addressing for easy connection to the building LAN
- Battery-backed real-time clock
- Capable of system or stand-alone operation
- Supports up to 60 Open controllers

System Benefits

- Fully plug-and-play with the Carrier i-Vu Open Control System
- Can be networked together to expand i-Vu Open Control Systems easily

The Carrier i-Vu Open Control System

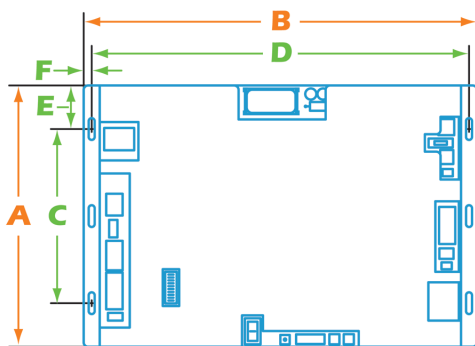


Specifications

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Communication Ports	Port E1: 10/100 BaseT Ethernet port for LAN and BACnet IP communications; Port S1 (BACnet MS/TP): EIA-485 port for BACnet MS/TP communications (9600 bps, 19.2 kbps, 38.4 kbps, & 76.8 kbps); Port S2 (Router Config): EIA-232 port for Router Configuration using HyperTerminal (115.2 kbps); Local Access port: For system start-up and troubleshooting using a PC or BACview, or Router Configuration using Hyperterminal (115.2 kbps)
Protection	Incoming power and network connections are protected by non-replaceable internal solid-state polyswitches that reset themselves when the condition that causes a fault returns to normal. The power and network connections are also protected against voltage transient and surge events.
Real-Time Clock	Battery-backed real-time clock
Battery	10-year Lithium CR123A battery provides a maximum of 720 hours of time retention during power outages. To conserve battery life, battery backup turns off after a specified number of days defined in the module driver.
Status Indicators	LED status indicators for BACnet MS/TP communication, Ethernet port communication, and low battery status. 7-segment status display for running, error, and power status
Router Addressing	Rotary DIP switches set address of Router
Listed by	UL916 (Canadian Std C22.2 No. 205-M1983), CE, FCC Part 15 – Subpart B – Class A
Environmental Operating Range	Operating: 0 to 140°F (-18 to 60°C); 10 to 90% RH, non-condensing Storage: -24 to 140°F (-30 to 60°C); 10 to 90% RH, non-condensing
Power Requirements	24VAC ± 10%, 50-60Hz, 24 VA power consumption (30 VA with BACview), 26VDC (25V min, 30V max), Single Class 2 source only, 100 VA or less
Physical	Rugged aluminum cover and removable screw terminal blocks

Dimensions



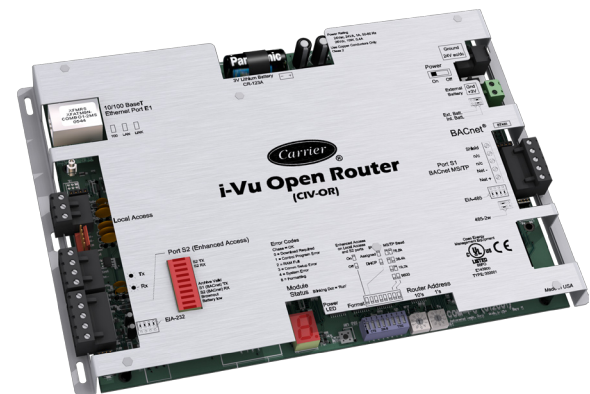
Overall

- A:** 7-1/2" (19.1 cm)
- B:** 11-3/8" (28.9 cm)

Mounting

- C:** 5" (12.7 cm)
- D:** 10-7/8" (27.6 cm)
- E:** 1-1/4" (3.2 cm)
- F:** 1/4" (.6 cm)

Depth: 1-1/2" (3.8 cm)
Weight: 1.4 lbs. (.64 kg)



Manufacturer reserves the right to discontinue, or change at any time, specifications or designs, without notice or without incurring obligations.

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