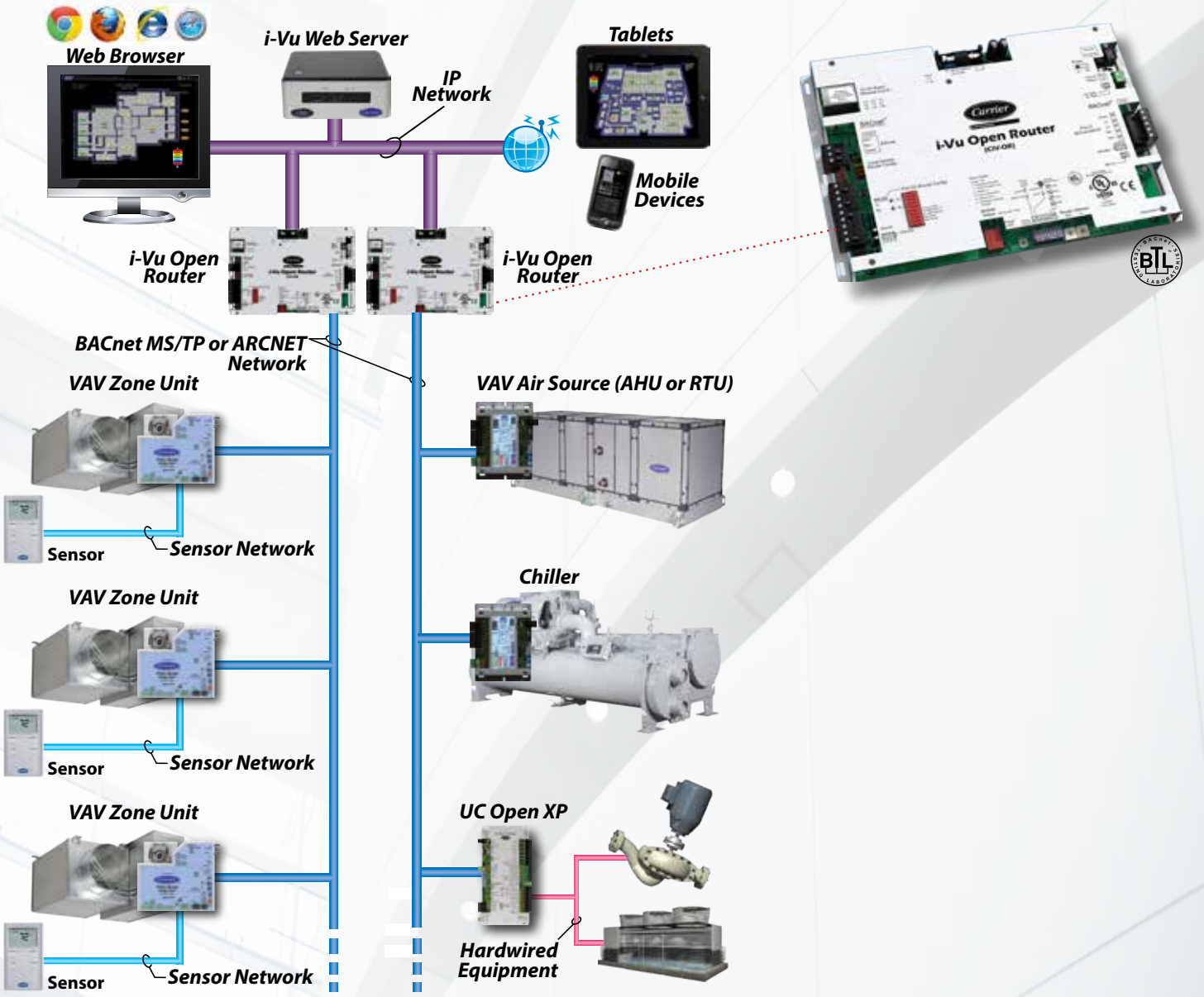
i-Vu® Building Automation System
i-Vu® Open Router

Part Number: CIV-OR

The i-Vu® Building Automation System provides everything you need to access, manage, and control your building, including the powerful i-Vu user interface, plug-and-play BACnet controllers, and state-of-the-art Carrier equipment.

The i-Vu Open Router provides BACnet routing capabilities between the i-Vu Building Automation System backbone (BACnet/IP), and a subnetwork of Open controllers (BACnet MS/TP and/or ARCNET). It connects directly to the Ethernet LAN and provides the i-Vu web server with access to the entire building network. The i-Vu Open Router also increases the capacity of the i-Vu Building Automation System, allowing individual BACnet MS/TP networks (with up to 60 controllers each), and BACnet ARCNET networks (with up to 99 controllers each), to be connected together via the i-Vu building automation system backbone.

The i-Vu Building Automation System



Up to 60 Open Controllers per MSTP Network
Up to 99 Open Controllers per ARCNET Network

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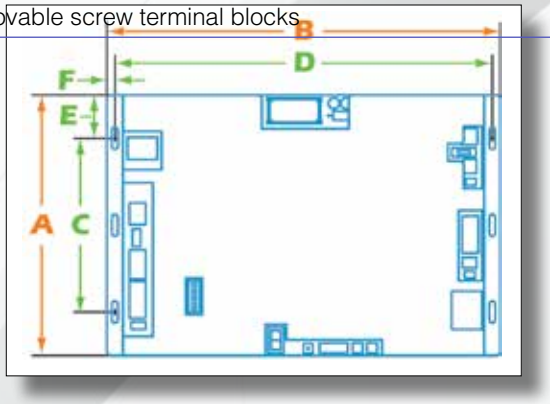
Communication Ports	**Port E1:** 10/100 BaseT Ethernet port for LAN and BACnet IP communications; **Port S1:** EIA-485 port for BACnet MS/TP communications (9600 bps, 19.2 kbps, 38.4 kbps, & 76.8 kbps) or ARCNET 156 kbps; **Port S2 (Router Config):** EIA-232 port for Router Configuration using HyperTerminal (115.2kbps); **BACnet port:** For communication with the controller network using ARCNET 156 kbps **Local Access port:** For system start-up and troubleshooting or i-Vu Open Router configuration using Hyperterminal (115.2 kbps) **NOTE:** Ports E1, S1 and BACnet Port can operate simultaneously.
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, 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)



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