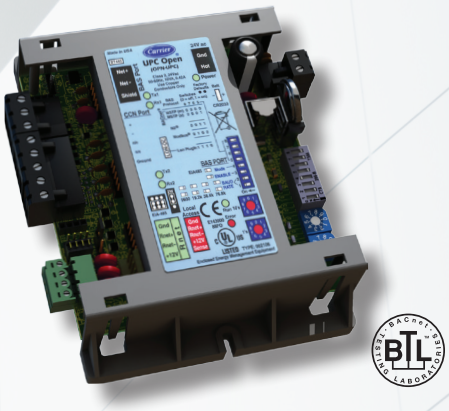
i-Vu® Building Automation System
UPC Open

Integrated BACnet® Communications Card

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.

Connecting your Carrier equipment to a BACnet MS/TP network has never been easier. Simply connect the UPC Open to the BACnet network, and your Carrier equipment is ready to integrate seamlessly into the i-Vu Building Automation System or any other BACnet Building Automation System.



Key Features and Benefits

- Factory-installed option on rooftops, air-cooled chillers, and water-cooled chillers
- Pre-programmed to share equipment data with any BACnet Building Automation System - no on-site engineering required
- Supports Carrier communicating space sensors with field programming:
  - Ideal for single zone rooftop applications
  - Available in 4 flavors, 2 of which have large, easy-to-read LCD displays
  - Feature a hidden communication port for network commissioning
- Supports plug-and-play connectivity to Carrier's i-Vu Building Automation System:
  - Integrated air source linkage algorithm
  - Built-in user interface graphics, diagnostic trends and alarms
  - Built-in demand limiting and inherent support for i-Vu Tenant Billing

Specifications

Communication Ports	**BAS port (Port 1A):** EIA-485 port for BACnet MS/TP communications, Modbus® communications (future), or N2 communications (future). Baud rate is DIP switch selectable. **LON-OC port:** For connecting a LON Option Card (future) **Local Access port:** For system start-up and troubleshooting (115.2 kbps); **Rnet port:** For connecting Carrier communicating space sensors.
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.
Real Time Clock	Battery-backed real time clock keeps track of time in event of power failure
Battery	10-year Lithium CR2032 battery provides a minimum of 10,000 hours of trend data & time retention during power outages
Status Indicators	LED status indicators for power, network communication, run status, and errors
Addressing	Rotary DIP switches set BACnet MS/TP MAC address of controller
Listed by	UL916 (Canadian Std C22.2 No. 205-M1983), CE, FCC Part 15 – Subpart B – Class A
Environmental Operating Range	Operating: -22° to 150°F (-30° to 66°C), 10–95% relative humidity, non-condensing Storage: -24° to 140°F (-30° to 60°C), 10–95% relative humidity, non-condensing
Power	24VAC ± 10%, 50-60Hz, 10 VA power consumption 26VDC (25V min, 30V max), Single Class 2 source only, 100 VA or less

CONTROLS EXPERT

Tested. Certified. Factory Authorized.

For more information, contact your local Carrier Controls Expert.
Controls Expert Locator:
www.carrier.com/controls-experts