



i-Vu® Building Automation System

UPC Open

Integrated BACnet Communications Card



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.



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
- Features 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, Baud rate is DIP switch selectable. Local Access port: For system start-up and troubleshooting; Rnet port: For connecting Carrier communicating space sensors.
Protection	Power and network connections protected by non-replaceable internal solid-state resettable polyswitches.
Real Time Clock	Battery-backed real time clock keeps track of time in event of power failure
Battery	10-year Lithium CR2032 battery; min 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
Controller Addressing	Rotary DIP switches set BACnet MS/TP MAC address of controller
Listed by	United States: FCC compliant to Title CFR47, Part 15, Subpart B, Class A; UL Listed, File E143900; CCN PAZX, UL 916, Energy Management Equipment; ANZ: RCM Mark AS/NZS 61000-6-3; Canada: UL Listed File E143900, CCN PAZX7, CAN/CSA C22.2 No. 205 Signal Equip., Industry Canada Compliant ICES-003, Class A; CE Mark Compliant with 2014/30/EU, and RoHS Compliant: 2015/863/EU; UKCA Mark compliant with Electromagnetic Compatibility Regulations 2016 – Gov.UK and RoHS for Electrical and Electronic Equipment 2012
Environmental	Operating: -22° to 150°F (-30° to 66°C) Storage: -24° to 140°F (-30° to 60°C), 10–95% RH, non-condense
Power Requirements	24 VAC ± 10%, 50-60Hz, 10 VA power consumption 26 VDC (25V min, 30V max), Single Class 2 source only, 100 VA or less

For more information, contact your local Carrier Controls Expert.

Controls Expert Locator:
www.carrier.com/controls-experts