

# UPC Open

**Part Number: OPN-UPC**

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

## Key Features and Benefits

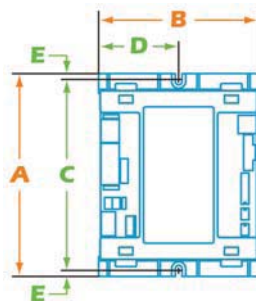
- Library of CCN to BACnet mapping templates available for common Carrier equipment, or create your own template using the Snap graphical programming tool
- Integrated air source linkage algorithm for plug-and-play connectivity to the i-Vu Open Control System
- Supports demand limiting and i-Vu Tenant Billing



## Specifications

Communication Ports	<p><b>BAS port (Port 1A):</b> EIA-485 port for BACnet MS/TP communications, Modbus communications (future), or N2 communications (future). Baud rate is DIP switch selectable.</p> <p><b>CCN port (Port 2):</b> EIA-485 port for connecting to a single Carrier CCN controller</p> <p><b>LON-OC port:</b> For connecting a LON Option Card (future)</p> <p><b>Local Access port:</b> For system start-up and troubleshooting using Field Assistant (115.2 kbps)</p> <p><b>Rnet port:</b> Not used</p>
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 (16 VA with BACview) 26VDC (25V min, 30V max), Single Class 2 source only, 100 VA or less

## Dimensions



### Overall

**A:** 5-3/16" (13.2 cm)

**B:** 4-1/8" (10.5 cm)

Depth: 2" (5.1 cm)

Weight: .44 lbs. (0.20 kg)

### Mounting

**C:** 4-7/8" (12.4 cm)

**D:** 2-1/20" (5.2 cm)

**E:** 3/16" (.5 cm)

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

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