



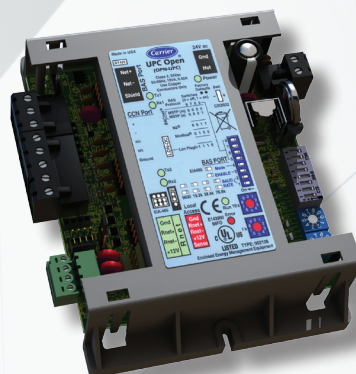
# i-Vu® Building Automation System UPC Open

Part Number: OPN-UPC



*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.*

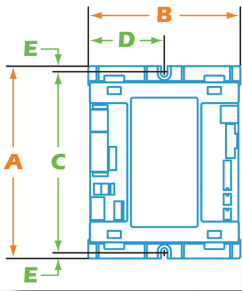
Connecting your Carrier equipment to a BACnet MS/TP network has never been easier. Simply connect the UPC Open to a CCN controller, and your Carrier equipment is ready to integrate seamlessly into the i-Vu Building Automation System or any other BACnet Building Automation System.



## Key Features and Benefits

- 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 Building Automation System
- Supports demand limiting and i-Vu Tenant Billing

## Specifications

<b>Communication Ports</b>	<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. <b>CCN port (Port 2):</b> EIA-485 port for connecting to a single Carrier CCN controller <b>LON-OC port:</b> For connecting a LON Option Card (future) <b>Local Access port:</b> For system start-up and troubleshooting (115.2 kbps); <b>Rnet port:</b> Not used	
<b>Protection</b>	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.	
<b>Real Time Clock</b>	Battery-backed real time clock keeps track of time in event of power failure	
<b>Battery</b>	10-year Lithium CR2032 battery provides a minimum of 10,000 hours of trend data & time retention during power outages	
<b>Status Indicators</b>	LED status indicators for power, network communication, run status, and errors	
<b>Addressing</b>	Rotary DIP switches set BACnet MS/TP MAC address of controller	
<b>Listed by</b>	UL916 (Canadian Std C22.2 No. 205-M1983), CE, FCC Part 15 – Subpart B – Class A	
<b>Environmental Operating Range</b>	<b>Operating:</b> -22° to 150°F (-30° to 66°C), 10–95% relative humidity, non-condensing <b>Storage:</b> -24° to 140°F (-30° to 60°C), 10–95% relative humidity, non-condensing	
<b>Power Requirements</b>	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	
<b>Dimensions</b>	<b>Overall</b> <b>A:</b> 5-3/16" (13.2 cm) <b>B:</b> 4-1/8" (10.5 cm)  <b>Depth:</b> 2" (5.1 cm) <b>Weight:</b> .44 lbs. (0.20 kg)	<b>Mounting</b> <b>C:</b> 4-7/8" (12.4 cm) <b>D:</b> 2-1/20" (5.2 cm) <b>E:</b> 3/16" (.5 cm)  



CONTROLS EXPERT

Tested. Certified. Factory Authorized.

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

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