

Carrier

i-Vu® Express v10

Part # CIV-OPNEXP



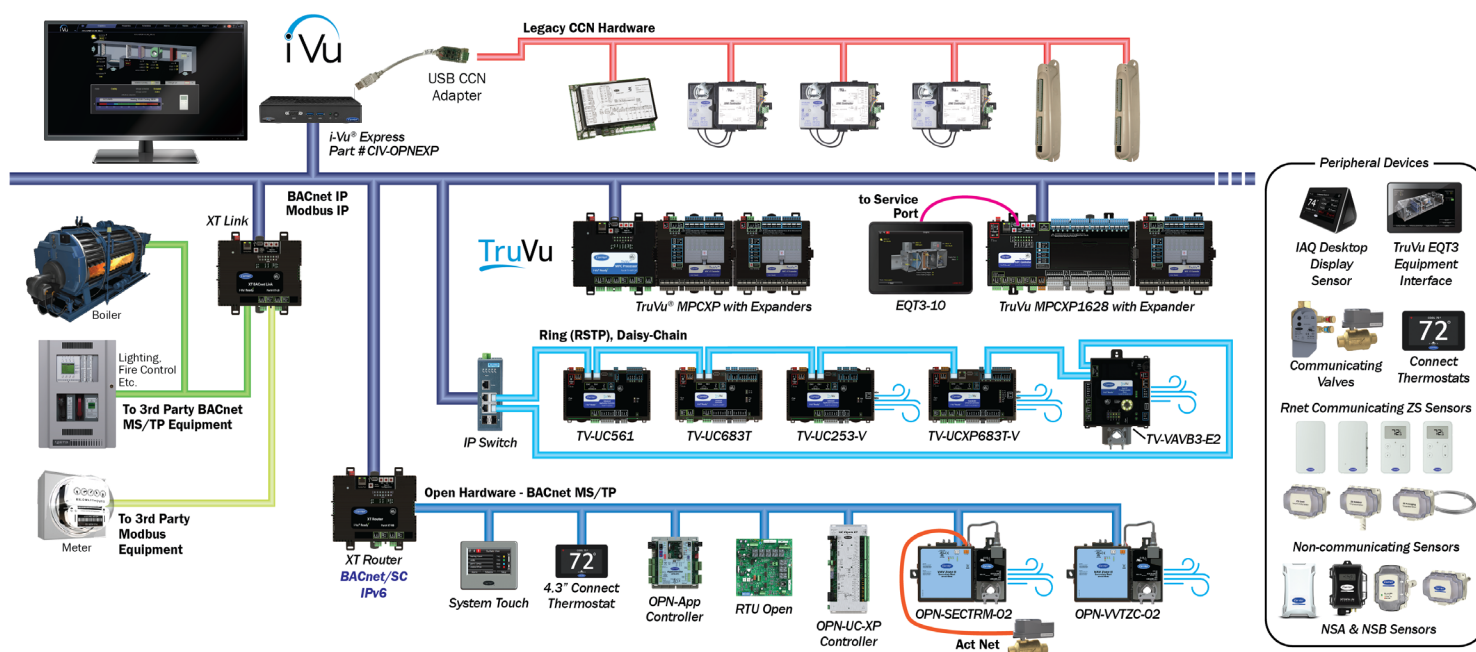
i-Vu Express is a plug-and-play building automation solution for small and medium-sized buildings. As a building automation server and i-Vu 10 software in one compact device, it automatically discovers the i-Vu control system in the building and provides operators with access to manage their Carrier HVAC system over the web.



Key Features and Benefits

- Simple to install and commission; auto-discovers up to 750 connected i-Vu controllers and auto-generates HVAC equipment graphics
- Built in scheduling, trending, and alarming tools help operators lower operating costs, improve occupant comfort, and resolve problems faster
- Intuitive floorplans, dashboards, and reports provide actionable insights at a glance
- Integrates third party equipment like lighting and meters for centralized management of building systems through a single i-Vu user interface
- Receives automatic software updates over the internet; updates can then be executed and installed locally via the Management Tool within i-Vu Express

Sample i-Vu Network Diagram



i-Vu Express v10



Features and Benefits - New with i-Vu v10

- Smarter BACnet Discovery:** Accelerate network setup and troubleshooting by defining exactly where and how to scan. You can now pinpoint devices quickly by discovering via device instance, specific address, or device name.
- Insights Sharing:** Deliver building automation insights, such as dashboards, trends, and reports-to stakeholders without BAS access, on-demand or on a set schedule. For users with BAS access, share a secure link to a specific page in the BAS.
- Enhanced Trend Capabilities:** Analyze data faster and easier with more data per graph and customizable colors. Analyze data with greater clarity.
- Enhanced Engineering Tools:** Reduce commissioning time and boost technician efficiency. New workflows include an "Enable All" option, allowing operators to activate all points in a control program instantly rather than individually.

Client Requirements			
	Mobile Devices:	Smart Phones	Android™, iOS
		Tablets	Android, iOS, Surface™
	Computers:	Computer operating system	Supports these web browsers
		Windows	Google™ Chrome™ Microsoft® Edge Mozilla® Firefox®
		Mac OS X (Apple Mac only)	Safari® Google Chrome Mozilla Firefox
i-Vu Express Server Specifications			
	Processor & Chipset: Intel chipset and processor (N97 or N305)		
	Memory/Storage: 8GB DDR5 of RAM/256GB storage		
	Graphics: Supports up to 4K resolution on up to 3 displays		
	Network: Dual Network Interface Card (NIC)		
	Power Requirements: DC 12V input, 60 W max.		
	Operating Temperature: 32°F to 113°F (0°C to 45°C). For indoor use only		
	Storage Temperature: -4°F to 140°F (-20°C to 60°C)		
	Storage Humidity: 5% to 95% RH		
	Weight: 2.1 lb. (.94 kg)		
	Dimension (W x D x H): 7.19 in. (182.5 mm) wide x 5.57 in (141.5 mm) deep x 1.38 in. (35 mm) high		
	USB Ports: 2 USB 3.2 Gen2 Type A(Blue) 1 USB-C (Supports DP 1.4, 4K@60Hz video output, 5V/2A, USB 3.2 Gen2 data transfer) *1		
	LAN Port: 2 RJ45 Ethernet ports (up to 2.5 Gbps each) for Ethernet network connection		
	Compliance:		
	Safety: UL, CB, CCC, BSMI, BIS		
	Environmental: RoHS R33138, WEEE, China RoHS		
EMC: CE, FCC, CCC, BSMI, RF RED			
Operating System: Linux-based Balena OS			
Cloud Managed: i-Vu Express connects to the balenaCloud to ensure it is kept current with the latest updates. When connected to the cloud service, the device will be notified when an update is available and the user can choose to apply these updates via the i-Vu Management Tool.			