i-Vu® Building Automation System
i-Vu® Equipment Touch

Part Number: EQT1-4-CAR

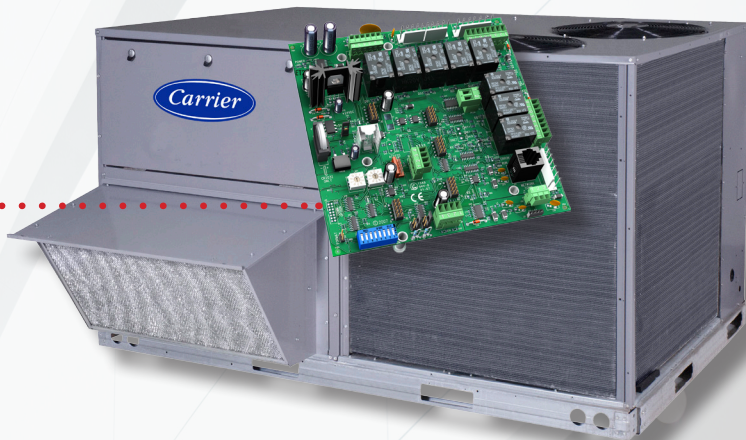*The i-Vu® Building Automation System provides everything you need to access, manage, and control your building, including the powerful i-Vu user interface, plug-and-play BACnet® controllers, and state-of-the-art Carrier equipment.*

Carrier's i-Vu Equipment Touch is an integrated component of the i-Vu Building Automation System. It features an illuminated, 4.3" color pixel touchscreen display and connects to a single Open (BACnet) equipment controller. Designed for wall mounting, it provides building occupants, facility managers, and installers a powerful user interface for managing a single piece of HVAC equipment in a building.

Equipment Snapshot Screen

Hardware Features

- Illuminated 4.3", 480 x 272 color pixel touchscreen display (no buttons)
- Built-in temperature and humidity sensing
- Connects to a single Open (BACnet) controller using Rnet communications
- Supports remote thermistor sensor (such as Carrier T55)
- Supports International languages
- Ideal for single-zone rooftop applications such as office spaces and warehouses

For Building Occupants

- View current space temperature
- View operating mode (heat/cool/economizer)
- Change setpoints easily
- Initiate timed local overrides

For Facility Managers

- Multi-level password protection for security
- Convenient "Snapshot" screen for viewing operating conditions at a glance
- Easy access to equipment configuration, schedules, trends, and alarms
- Audible & visual alarm indication

For Installers

- Simple 4-wire installation
- Auto-discovers connected Open (BACnet) controller
- Screen files can be auto-uploaded on select controllers[1], customized, or created from scratch
- Startup wizard and integrated help screens to assist with equipment start-up & commissioning

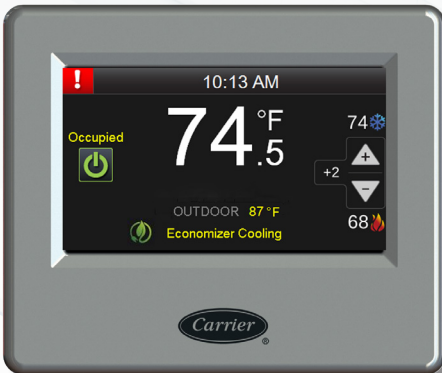[1]For a complete list of applications that include i-Vu Touch files, visit *www.HVACPartners.com*.

Specifications

Power	24 Vac (±15%), 5 VA, 50-60 Hz, Class 2
Display	4.3 in. resistive touchscreen color LCD display with backlighting, 480x272 pixels
Communication Ports	**Rnet:** 2-wire EIA-485 port for connection to the Rnet sensor network (115kbps) **NOTE: The i-Vu Equipment Touch is NOT compatible with SPT sensors.** **Sensor:** for connecting an optional remote thermistor sensor (like Carrier T55) **USB port:** for firmware upgrades
Real-time Clock	A 365-day real time clock/calendar. Time and date will be maintained for a minimum of 72 hours after loss of power (at room temperature).
Audible Alarm Notification	A piezoelectric sounder
Temperature Sensor	Range — -4°F to 140°F (-20°C to 60°C) Accuracy over 30°F to 100°F (-1°C to 38°C): ±1.0°F (±0.55°C) Accuracy over full range: ±2.0°F (±1.1°C) Resolution: 0.2°F (0.1°C)
Humidity Sensor	Range: 0 to 100% RH Accuracy over 20 to 80% RH: ±3.0% RH Accuracy over full range: ±5.0% RH Resolution: 0.05% RH
Environmental Operating Range	-4ºF to 140ºF (-20ºC to 60ºC), 10–90% RH, non-condensing
Mounting	Mounting plate included for mounting to wall or electrical junction box
Overall Dimensions	Width: 5.4 in. (13.8 cm) Height: 4.5 in. (11.6 cm) Depth: 1.24 in. (3.2 cm)
Weight	8 oz. (0.23 kg)
Listed By	UL-916 (PAZX), CE, FCC Part 15-Subpart B-Class A

Home Screen

Alarms Screen

Schedules Screen

CONTROLS EXPERT
Tested. Certified. Factory Authorized.

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