Carrier

i-Vu® Building Automation System
ZS Remote Sensor

Part Number: ZS-RMT-BNK

i Vu

Application Features

- Sense temperature in harsh environments
- Measure temperature in hard-to-reach areas, or location where you cannot mount a standard ZS sensor
- Make a standard thermistor sensor part of the Rnet network
- Retrofit an existing thermistor sensor installation
- Enable a wall button sensor when a standard ZS room sensor cannot be used

The Carrier® ZS communicating remote sensor measures a remotely mounted 10K Type 2 thermistor from up to 50 feet away. It comes in an outdoor rated enclosure, making it very versatile and rugged. It connects directly to the dedicated sensor network (Rnet) of a Carrier i-Vu controller. This communicating sensor network supports up to 15 ZS sensors through a single port, eliminating the need to consume multiple inputs on the controller.

Part #	Description	Sensing	External Probe
ZS-RMT-BNK	ZS Remote Sensor, accepts a Type 2 10k Thermistor Only. IP66 enclosure	Temp	Type 2 10k Thermistor (not included)

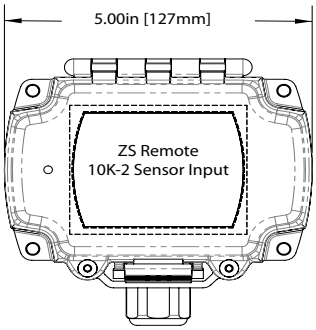
i-Vu® Building Automation System

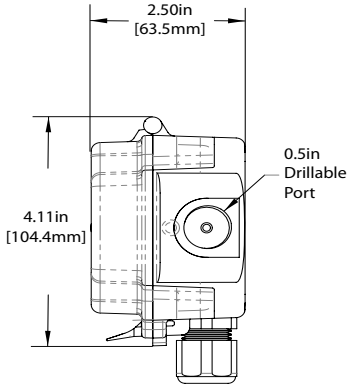
ZS Remote Sensor

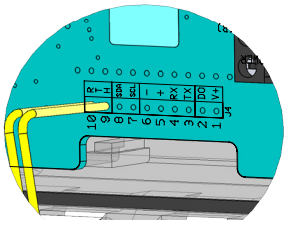
Part Number: ZS-RMT-BNK

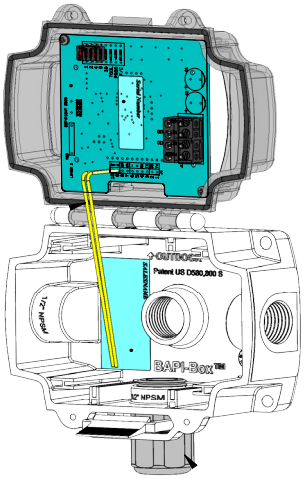
Specifications

Enclosure Material	Polycarbonate, UL94V-0
Enclosure Rating	NEMA 4, IP66, UV rated
Remote Sensor	Thermistor 10K Type 2 (purchased separately), 22AWG twisted pair sensor cable, 50' max length
Power Requirements	12 Vdc @ 6 mA
Power Supply	The 4-conductor Rnet cable from a controller supplies +12Vdc @ 210 mA. For additional power, use an external power supply. Use the above power requirements to calculate the size of the external power supply. The controller and the external power supply must share a common ground.
Communication	115 kbps
Mounting	3/16 in. holes
Listed By	FCC Part 15-Subpart B-Class B, CE
Dimensions	**Enclosure** **Width:** 5 in. (12.7 cm) **Height:** 4.15 in. (10.54 cm) **Depth:** 2.5 in. (6.35 cm)









©Carrier 2020. All Rights Reserved. **Cat. No. 11-808-806-01 Rev. 10/20**
Manufacturer reserves the right to discontinue, or change at any time, specifications or designs, without notice and without incurring obligations. Trademarks are properties of their respective companies and are hereby acknowledged.

For more information, contact your local Carrier Controls Expert.

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