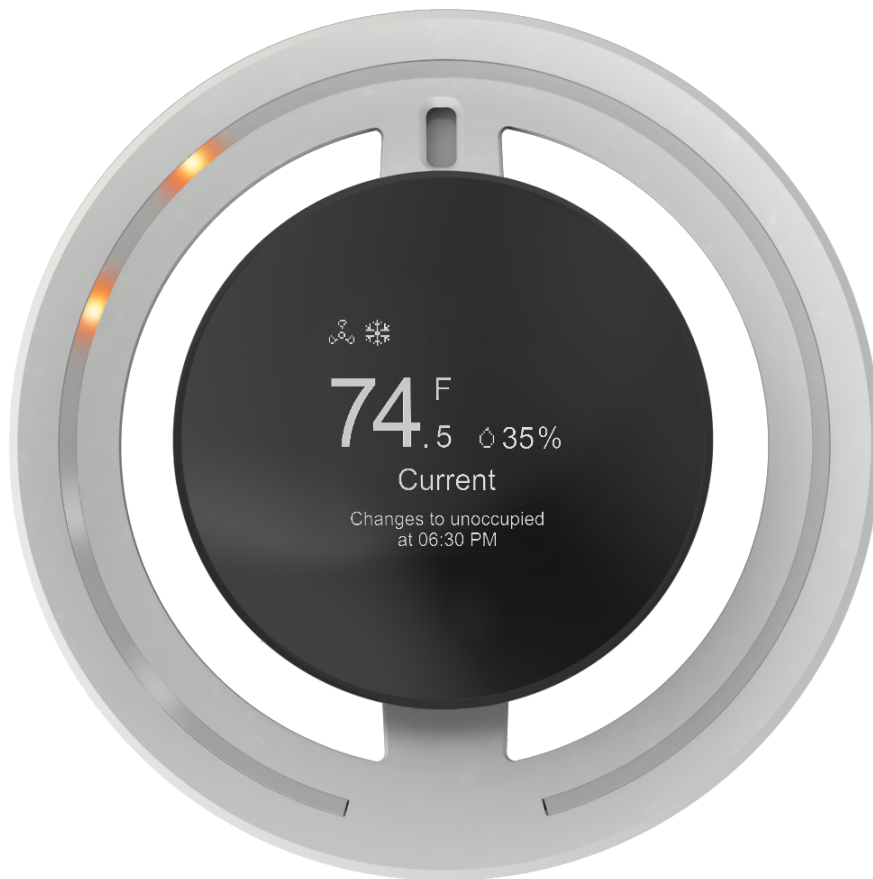


SPEC SHEET

75F® Local Interface Sensor™

Our room sensor and local interface.



Senses:

- Temperature
- Humidity
- Light

75F® Local Interface Sensor™

75F's suite of sensor offerings gives building owners the power of IoT-connected devices for optimal efficiency and comfort in spaces where it matters most. Measure to manage with the 75F Local Interface Sensor, a room sensor and user interface that takes highly accurate readings of temperature, humidity, and light. This device can be extended to control HVAC equipment when connected to backend interfaces such as the 75F Hyper Stat or Smart Stat.



OVERVIEW

The Local Interface Sensor™ is a room sensor and user interface. It can be extended to control HVAC equipment by connecting it to different interface back-end controls including 75F® Advanced Lighting™ Panel Interface and the 75F® Smart Stat™. The Local Interface Sensor uses Bluetooth for provisioning and communicates with the 75F® Central Control Unit™ using a 900 Mhz wireless mesh network.

KEY FEATURES

- Temperature sensing
- Humidity sensing
- Light level sensing
- Bluetooth for provisioning
- Can communicate with SN, HIA or LPI via 4 wire interface
- Capable of 900 Mhz wireless communication with CCU
- Power via 4 wire interface (needs 6.5v)
- Ready to support BACnet

ADDITIONAL FEATURES

- Touch interface in outer ring
- 128 x 128 pixel OLED display
- Sleek design, low impact aesthetics

APPLICATIONS

- 75F® Dynamic Airflow Balancing™
- 75F® Outside Air Optimization™
- 75F® Smart VAV with Reheat™
- 75F® Hydronic Controls™
- 75F® Single Stage Equipment™
- 75F® Advanced Lighting™

INCLUDED

(1) Local Interface Sensor

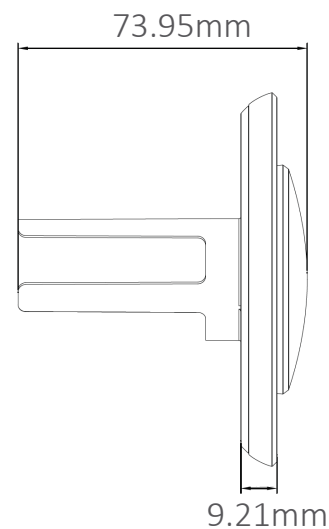
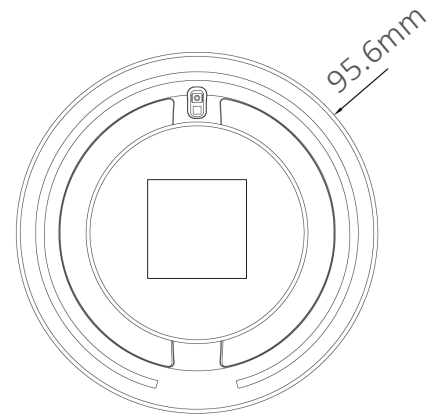
75F[®] Local Interface Sensor[™]

MECHANICAL

Dimensions	73.95mm depth x 95.63mm circumference x 9.21mm plate depth
Screen	128 x 128 pixel OLED display, touch interface in outer ring
Mounting	(1) toggle bolt (requires 32mm hole in wall)
Operating Temp	Operating Environment: 0°F – 122°F
Termination	4 pin connector
Accuracy	Humidity (typical +/- 2% RH), temperature (typical +/- 0.2C)

ELECTRICAL

Power	6.5V DC provided by Smart Node via 4 wire interface
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COMMUNICATIONS

Bluetooth	Bluetooth for provisioning
Wired	4 wire interface for power and communication