

Data Sheet:

Arial® Wireless Temperature and Humidity Sensor

Overview

The Arial Wireless Temperature and Humidity Sensor features an onboard temperature and humidity sensor and is designed for indoor use in rooms with moderate temperatures. Examples:

- Resident rooms
- Computer server rooms
- Cold storage rooms

Key Functions

- Can monitor for infectious environment conditions.
- Can generate alarms by setting both low and high thresholds between the temperature and humidity ranges.
- Flexibility - The flexibility of wireless is a necessity in today's dynamic commercial environments. The Arial wireless mesh network allows you to adapt to changing floor plans and requirements in a matter of minutes. New sensors can be added to the network as fast as they can be mounted.



Technical Specifications

Model	Wireless Temperature and Humidity Sensor
Part Number	55367
Sensor Measurement	
Temperature	<ul style="list-style-type: none"> • Units: Fahrenheit or Celsius • Range: -4° to 140°F • Typical resolution: 0.018°F • Typical accuracy: ±0.5°F at 77°F
Humidity	<ul style="list-style-type: none"> • Range: 0 to 90% RH • Resolution: 0.03% RH • Typical accuracy: ±2.0% RH from 10% to 90% RH
Battery Power	3.0 V lithium, 1.4Ah (BAT604)
Battery Life (avg)	Typical 8 year battery life at five minute transmission intervals
Environmental	<ul style="list-style-type: none"> • (-20° to 60°C) -4° to 140°F • Up to 90% humidity non-condensing
Dimensions	8.9 x 4.3 x 2.3 cm (3.5 x 1.7 x 0.9")
Weight	56.39 g (1.98 oz)