RoomSensor Datasheet

Enterprise Multifunctional RoomSensor

Yealink RoomSensor is an enterprise multifunctional room sensor with occupancy, temperature, humidity and light-detecting functions. Linkage with Yealink RoomPanel through BLE protocol and brings features such as automatic release, automatic check-in, etc. The Passive Infrared technology makes motion detection more excellent and accurate; Lower power consumption & a replaceable lithium battery provides a maximum of four years of life. The wireless application and adjustable angle design make the RoomSensor easy to install on all kinds of surfaces and can easily cover the whole meeting room.



Key features and benefits

- Passive Infrared Tech: Passive Infrared Technology, high-accuracy room occupancy status sensing.
- Wireless Installation: Wireless and compact design, support multi-type surface of wall installation.
- Magnetism Designing: No wired running and magnetism mounted, easy to maintain.
- Adjustable Angle: Status Alarm Support ± 20° adjustable angle makes deployment simpler.
- Temperature Detection: Room temperature detection is automatic.
- Humidity Detection: Room humidity detection is automatic.
- Light Detection: Room light detection is automatic.
- Device Management over Cloud Server: Easily monitor, manage and diagnose by Yealink WorkSpace Management Cloud Server.

- Lithium Power Supply: Lithium battery power supply, up to 4 years life, user-replaceable part.
- Bluetooth BLE: Directly connect to RoomPanel without extra gateways.
- Status Alarm: Support automatic alarm of abnormal equipment and battery status.
- Actions with Yealink RoomPanel: Actions with the Yealink RoomPanel, support automatic reserve, automatic release, automatic power supply alarm etc.*
  *Various apps may have different implementations. Refer to the specific implementation for accuracy.

Specifications

Specification	Description
Basic	· Detection: - Occupancy - Temperature - Humidity - Light · Housing: PC, White
Sensor	· Occupancy Type: Passive Infrared Tech · PIR detection angle: 120° · Sensor adjustable angle: ± 20° · PIR coverage (Standard 3 m/9.8 ft mounting height): 6 m/19.7 ft radius (major motion); 3 m/9.8ft radius (minor motion) · Temp measuring range: -10° C to 70° C · Humidity measuring range: 0-80% RH
Communication	· Protocol: Bluetooth BLE 5.2 · Frequency band: 2.4 GHz · Reach: 30 m (100 ft) · Multi-connectivity: Maximum 4 simultaneously, BLE mesh
Power Supply	· Power supply: 3 V (1*CR123A lithium battery) · Battery life: 4 years life
Indicator	· Button: 1 x config button · Led: 1 x LED
Operating Environmental	· Temperature range: 0 to 40° C · Humidity: 10-95%, non-condensing
IP Rating	· IP Rating: IP20
Dimension&Weight	· Dimensions: Φ95.3 mm*36 mm · Weight: 0.092 KG(0.203 lb)
Mount	· Bracket: Circular mounting bracket, Magnetic Design · Mounting: Ceiling/Wall Mounted
Management	· Yealink Management Cloud Service · Yealink Device Management Platform

For more information, please go to the Yealink official website.