

RoomSensor Pro

The Yealink RoomSensor Pro is a multi-functional sensor designed for conference rooms. Built on Yealink's AI algorithm, the product accurately identifies human characteristics and enables precise people counting. It includes various environmental detection functions such as temperature, humidity, and illumination, allowing real-time monitoring of meeting room air quality and health. By establishing a connection and communication with Yealink gateway devices via Bluetooth, it supports active data reporting, enabling intelligent strategies and integration for conference room automation. Functions include automatic reservation, automatic release, environmental air quality alerts, and IoT device coordination. The sensor has a wide detection range and can be customized to meet specific detection requirements. The drawing process for custom detection areas is simple and easy to understand, ensuring high detection accuracy and avoiding false alarms or missed detections. The detachable design of the base and body facilitates easy deployment, installation, and maintenance. The all-in-one Yealink RoomSensor Pro enhances conference room monitoring and management, promoting comfortable environments and improving productivity.

Key features and benefits

Wide detection range

Covers larger areas, reducing the number of deployed sensors and lowering enterprise costs.

Customizable detection area

Supports the drawing of custom detection areas to adapt to different environmental and specific local detection requirements.

Flexible deployment

Supports two fixing methods, using 3M adhesive or drilling, and features a detachable design for easy disassembly and simple maintenance.

Accurate people counting

Utilizes Yealink's AI learning algorithm to achieve high accuracy and prevent false or missed reports.

Supports temperature, humidity, and illumination in meeting rooms, enabling data reporting and integration strategies.

Cloud device management

Allows remote monitoring, management, and diagnostics of devices through YMCS.

Bluetooth protocol communication

Adopts Bluetooth 5.2 protocol for stable connectivity with Yealink gateway devices.

IoT integration

Enables intelligent strategies, including automatic reservation, automatic release, and coordination with IoT devices.

Yealink

Specifications

RoomSensor Pro

Basic

- Detection Type:
  - People Counting
  - Temperature
  - Humidity
  - Illuminance

Sensor

- People Counting:
  - Detection range:Radius 4m circular area (when the installation height is 3m)
  - Detection distance: ⩽ 5m
- Temperature:
  - Range: 0° C~40°C
  - Resolution: 0.1°C
  - Accuracy: -1~+3°C
- Humidity:
  - Range: 10~95% RH
  - Resolution: 0.5%RH
  - Accuracy: ±5%
- Illuminance:
  - Range:
    - First Gear：0~300lux
    - Second Gear：301~800lux
    - Third Gear：801~3000lux
    - Fourth Gear：3001~20000lux
    - Fifth Gear：20000lux and above
  - Accuracy: ±10%

Connectivity

- Power Supply：
  - PoE (IEEE 802.3at)
  - DC 5V /1.2 A
- Ethernet: 1 x Ethernet port (10/100Mbps)
- Bluetooth: 5.2
- USB: 1 x USB-A
- LED:
  - 1×USB LED
  - 1×System LED
- Button: 1 x Reset

Installation

- Method: Ceiling installation
- Height: ⩽ 3m (The recommended deployment height for the device is between 2.7 meters and 3 meters.)

Environmental

- Operating Temperature: 0~40° C
- Operating Humidity: 10~95%，non-condensing

Dimensions

- weight(g/lb): 187.5/0.41
- size(mm/in）: 98×98×30.5 (3.86″ ×3.86″ ×1.20″)

About Yealink

Yealink (Stock Code: 300628) is a global-leading provider of Unified Communication & Collaboration Solutions specialized in video conferencing, voice communications, and collaboration, dedicated to helping every person and organization embrace the power of "Easy Collaboration, High Productivity".

With best-in-class quality, innovative technology, and user-friendly experiences, Yealink is one of the best providers in more than 140 countries and regions, ranks No.1 in the global market share of IP Phone, and is the Top 5 leader in the video conferencing market (Frost & Sullivan, 2021).

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