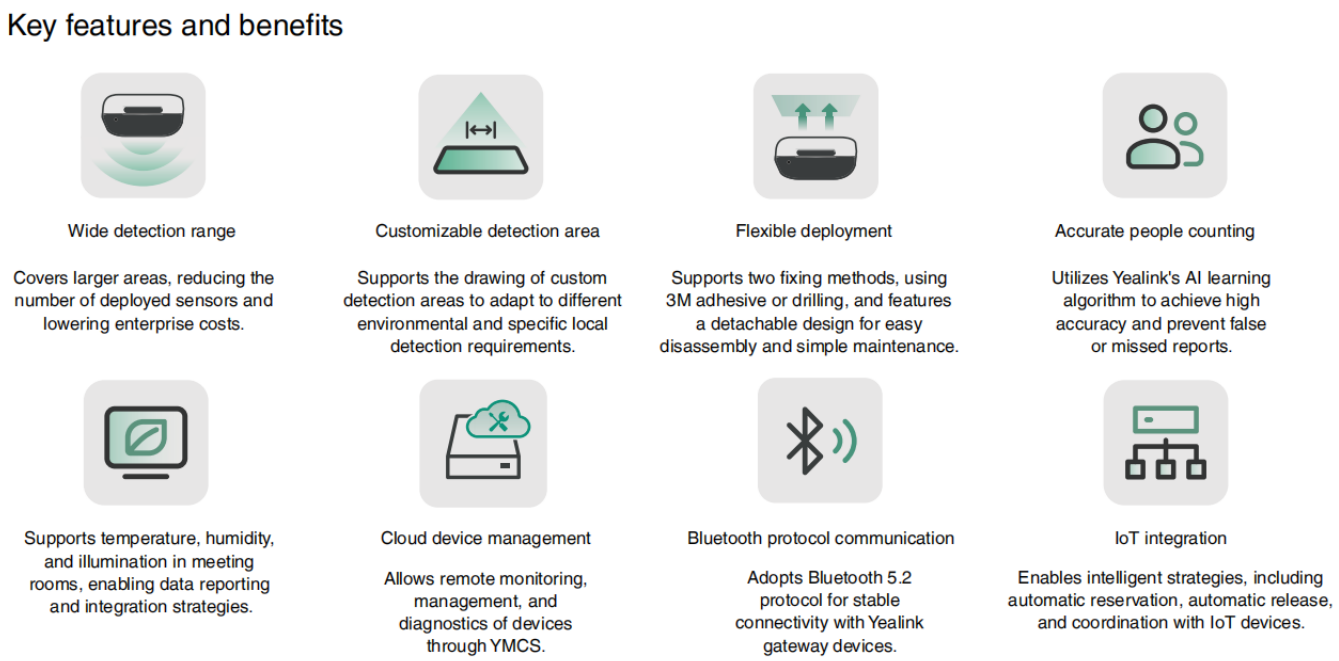
RoomSensor Pro Datasheet

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. 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, 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



Specifications

Specification	Description

Basic	· Detection: - 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: -2~+3°C · Humidity: - Range: 10~95% RH - Resolution: 0.5%RH - Accuracy: ±10%; · 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
Instaiation	· 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
Dimension	· weight(g/lb): 187.5/0.41 · size(mm/in ） :98×98×30.5 (3.86 " ×3.86 " ×1.20 ")