

The logo for Yanzi, featuring the word "yanzi" in a lowercase, blue, sans-serif font. The background of the top half of the page is a blurred office scene with people working at desks.

Yanzi Presence Mini

Occupancy | Temperature

Yanzi Presence Mini is a small and efficient product to monitor occupancy in an office. It detects motion and monitors the temperature. Occupancy data and temperature data is available over the Cirrus API and motion events are typically provided within 200-500 ms at the API after motion is detected.

Use for space utilization monitoring on work desks, hot desks, phone booths, private offices, and conference rooms for example, or use in a lite surveillance applications for storage rooms or server rooms. The sensor comes with field of view limiters optimized to match different types of desks such as standard desks, touch-downs, L-shaped desks, cubicle desks, and even standing desks.

Yanzi Presence Mini connects wirelessly to Yanzi IoT Gateway or Yanzi IoT Access Point in a secure way through Yanzi's "Zero-Touch configuration" and it can be accessed via the Cirrus API within minutes from installation.

Highlights

- Simple to install - single step encryption setup
- Provides motion detection and temperature
- Easily mounted using pre-mounted adhesive tape on back
- Battery lifetime expectancy up to 5 years with included batteries*

Getting started

Two steps to get started

1. Plug in batteries or turn on using switch
2. Accept over Cirrus or in Yanzi Installation Tool

You are now ready to interact with your Yanzi Presence Mini



Ordering Information

MDH3-1620 Yanzi Presence Mini

Packaging Information

Box size: 561 x 217 x 142 mm
22" x 8.5" x 5.6"

Box weight: 10.2 kg / 22.5 lb

Units/box: 120

Minimum order quantities apply

Specifications

PIR Based Motion Detection

- Up to 5m motion detection distance
- Field of view limiters included

Form	Vertical	Horizontal
None	82°	94°
I	32°	45°
II	19°	35°
III	14°	52°

See installation manual for detailed illustrations

Temperature

Range	Accuracy	Resolution
+5°C to +15°C	±2°C	0.001°C
+15°C to +30°C	±1°C	0.001°C
+30°C to +50°C	±2°C	0.001°C

Power

- 2 pcs of 1.5V AA Lithium** Li-Fe or 2 pcs of 1.5V AA Alkaline** batteries
- Maximum current 50mA
- Alkaline batteries included, 2 pcs

Wireless Performance:

- IEEE 802.15.4 2.4GHz IPv6 Sensor Network supporting Mesh Technology
- Wireless Output Power 3dBm - 16dBm***
- Wireless Range 5 - 25m indoor, 50 - 100m Line of Sight (Indicative)
- Automatic security key management using ECC with AES encrypted communication

Environmental Requirements

- Operating Requirements +5°C to +50°C, 20 - 80% RH(non-condensing)
- Storage Requirements 0°C to +50°C, 20 - 80% RH(non-condensing)
- Designed for indoor use only

External Buttons

- Power (slide upwards to start)
- Stat/Rst (press to show status on LED) (press and hold for >20 s to reset)

Dimensions

- 80 x 39 x 19 mm / 3.1" x 1.5" x 0.75"
- 82g / 0.18 lb (including batteries)

Agency Approvals

- Europe: EU (CE and RoHS)
- North America: US (FCC), Canada (IC)
- Asia-Pacific: China (SRRC), Hong Kong (LCB), Japan (TELEC), Singapore (IDA), India (WPC), Australia and New Zealand (RCM)

* To further improve battery life, Lithium batteries are required. See installation manual for battery life calculations.

** Caution: See installation manual for details on battery changes.

*** Actual output power may differ between countries due to regulatory requirements.

For instructions and information about safety, warranty, and recycling, please visit

www.yanzinetworks.com