

Yanzi Presence Mini



Your Smart Building Foundation

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

Temperature

Provides motion detection and temperature

Simple

Simple to install - single step encryption setup

Secure

Easily mounted using pre-mounted adhesive tape

- Yanzi Presence Mini is a compact and effective solution that monitors office occupancy and temperature by motion detection. The Cirrus API makes occupancy and temperature data available, and motion events are typically provided to the API within 200 and 500 ms after motion is detected.
- Use for space utilisation monitoring on work desks, hot desks, phone booths, private offices, and conference rooms, or use in a lite surveillance applications for storage rooms or server rooms. The sensor comes with field of view limiters optimised 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.

Getting started

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

You are now ready to interact with your Yanzi Presence Mini.





Ordering Information

Model name: Yanzi Presence Mini

Model number: MDH3-1620

Packaging Information

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

Box weight: 10.2 kg / 22.5 lbs

Units/box: 120

Minimum order quantities apply

Yanzi Networks reserve the right to change this specification at any time without notice. Disclaimer: Yanzi Networks can not guarantee that this specification is 100% correct. Solution to be used for described purposes only. NOT to be used for medical, life-saving, or life-sustaining applications.

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, 2pcs

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 >20sec to rest)

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.