Yanzi Motion

Yanzi Motion detects motion and monitors the temperature at your Location. Receive notifications over Cirrus API, SMS, or push notice if there is motion at your Location or if the temperature alarm limit is breached.

Use for space utilization monitoring in work desks or conference rooms, as energy saver for lamps and appliances connected to Yanzi Plugs, in lite surveillance applications for storage rooms or server rooms, or as a cabinet surveillance solution to know when and if a cabinet has been opened.

Yanzi Motion connects wirelessly to Yanzi Gateway or Yanzi IoT Access Point in a secure way through Yanzi's "Zero-Touch configuration" and it can be immediately accessed through the Cirrus API or the Yanzi App.

Highlights

- Simple to install - single tap encryption setup

- Provides motion detection and temperature

- Easily mounted on walls using the included wall mount arm or standing on a shelf

Getting started

Two steps to get started

1. Plug in batteries

2. Accept over Cirrus or in Yanzi App

You are now ready to interact with your Yanzi Motion

Ordering Information

MDW1-0201   Yanzi Motion

Specifications

PIR Based Motion Detection
- Up to 10m motion detection distance
- 90° Vertical field of detection
- 100° Horizontal field of detection

Temperature Measurement
- Range   -20°C to +50°C
- Tolerance   ±1°C

Power
- 4 pcs of 1.5V AA Lithium Li-Fe or 4 pcs of 1.5V AA Alkaline batteries
- Battery lifetime expectancy up to 10 years*

Wireless Performance:
- IEEE 802.15.4 2.4GHz IPv6 Sensor Network supporting Mesh Technology
- Wireless Output Power 3dBm - 8dBm (~2 - 6.3mW)
- Wireless Range 5-25m indoor, 50 - 100m Line of Sight (Indicative)
- Omnidirectional internal antenna, 0.5dBi peak gain
- ECC/AES encryption. High security with unique encryption keys for each Yanzi Motion - automatically installed at setup

Environmental Requirements
- Operating Requirements -30°C to +60°C, 0 - 100% RH(non-condensing) Indoor and protected outdoor
- Storage Requirements 0°C to +50°C, 20 - 80% RH(non-condensing)
- IP54 protection Designed for vertical mounting when outdoors

External Buttons
- Status   (press to show status on LED)
- Reset   (press and hold for >20 s)

Dimensions
- 96 x 58 x 29 mm (excluding sleeve)
- 96 x 62 x 56 mm (including sleeve)

To ensure long battery life, Lithium batteries are required, especially in conditions with temperatures below 0˚C. Amount of activity may affect battery lifetime.

For instructions and information about safety, warranty, and recycling, please visit
www.yanzinetworks.com

Caution:

This device complies with Part 15 of the FCC. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.