# POE & Wi-Fi Doorbell Camera

**User Manual**

# Legal Information

**User Manual**

**About this Manual**

The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website.

Please use this user manual under the guidance of professionals.

**Disclaimer**

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IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATER PREVAILS.

# Regulatory Information

**FCC Information**

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: 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

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

**EU Conformity Statement**

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, RE Directive 2014/53/EU,the RoHS Directive 2011/65/EU

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see:www.recyclethis.info

**Industry Canada ICES-003 Compliance**

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and

2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et

2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

# Symbol Conventions

The symbols that may be found in this document are defined as follows.

| Symbol | Description |
|--------|-------------|
| ⚠ **Danger** | Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury. |
| ⚠ **Caution** | Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results. |
| ⓘ **Note** | Provides additional information to emphasize or supplement important points of the main text. |

# Safety Instruction

⚠ **Warning**

- The working temperature of the device is from -30 °C to 50 °C.

- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.

- Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.

- Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.

- Please make sure that the power has been disconnected before you wire, install or dismantle the device.

- When the product is installed on wall, the device shall be firmly fixed.

- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.

- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

⚠ **Caution**

- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).

- Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.

- The device cover hall should be kept from rain and moisture.

- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).

- Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.

- Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
- Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
- Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.
- The power supply must conform to LPS. The recommended adaptor models and manufacturers are shown as below. Use the attached adapter, and do not change the adaptor randomly.

| Model | Current | Manufacturer | Standard |
|---|---|---|---|
| MSA-C1500IC12.0-18P-US | 1.5 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | NEMA |
| TS-A018-120015AD | 1.5 A | SHENZHEN TRANSIN TECHNOLOGIES CO.,LTD | NEMA |
| MSA-C2000IC12.0-24P-US | 2 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | NEMA |
| ADS-26FSG-1212024EPCU | 2 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | NEMA |
| MSA-C1500IC12.0-18P-DE | 1.5 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | CEE |
| ADS-25FSG-1212018GPG | 1.5 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | CEE |
| MSA-C2000IC12.0-24P-DE | 2 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | CEE |
| ADS-24S-121224GPG | 2 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | CEE |
| MSA-C1500IC12.0-18P-GB | 1.5 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | BS |
| ADS-25FSG-1212018GPB | 1.5 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | BS |

| Model | Current | Manufacturer | Standard |
|---|---|---|---|
| MSA-C2000IC12.0-24P-GB | 2 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | BS |
| ADS-24S-121224GPB | 2 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | BS |
| MSA-C1500IC12.0-18P-AU | 1.5 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | AS |
| ADS-25FSG-1212018GPSA | 1.5 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | AS |
| MSA-C2000IC12.0-24P-AU | 2 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | AS |
| MSA-C1500IC12.0-18P-BR | 1.5 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | NBR |
| ADS-25FSG-12 12018GPBR | 1.5 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | NBR |
| MSA-C2000IC12.0-24P-BR | 2 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | NBR |
| ADS-24S-12 1224GPBR | 2 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | NBR |
| TS-A018-120015N5 | 1.5 A | MOSO POWER SUPPLY TECHNOLOGY CO.,LTD | IS |
| ADS-25FSG-12 12018GPI | 1.5 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | IS |
| ADS-26FSG-12 12024EPI | 2 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | IS |
| ADS-24S-12 1224GPI | 2 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | IS |
| ADS-26FSG-12 12024EPI | 2 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | IS |
| ADS-24S-12 1224GPI | 2 A | SHENZHEN HONOR ELECTRONIC CO.,LTD | IS |

# **Contents**

# 1 Doorbell Appearance

**Front and Side Panels**
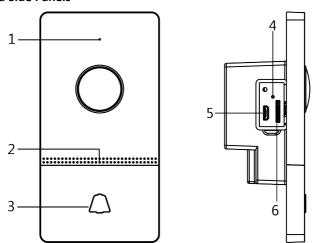


**Figure 1-1 Front Panel and Side Panel**
**Table 1-1 Description**

| No. | Description |
|-----|-------------|
| 1 | Microphone |
| 2 | Loudspeaker |
| 3 | Doorbell Button |
| 4 | Reset Button |
| 5 | Micro USB Interface |
| 6 | TF Card Slot |

**Bottom Panel**
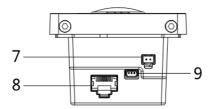


**Figure 1-2 Bottom Panel**
**Table 1-2 Description**

| No. | Description |
|-----|-------------|
| 7 | Power Interface |
| 8 | Network Interface |
| 9 | Lock Interface |

## ⓘ Note

- Hold the reset button for 5 seconds to switch to Wi-Fi configuration mode.
- Hold the reset button for 15 seconds to restore the default settings.

# 2 Doorbell Installation

## 2.1 Wiring Description

i **Note**

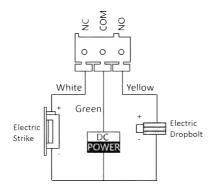Make sure you have powered off the main power switch of your home.

**Door Lock Wiring**



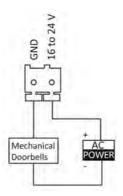**Figure 2-1 Wiring Description (Relay output)**

**Doorbell Wiring**



**Figure 2-2 Doorbell Wiring Description**

## 2.2 Install TF Card(Optional)

You can use TF card to store the video files.

**Steps**

1. Remove the card slot cover.
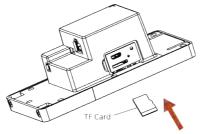2. Insert the TF card into the card slot on the side of the doorbell.



**Figure 2-3 Insert the TF Card**

3. Cover the TF card slot.

> **ⓘ Note**
>
> - Up to 128 G TF card storage.
> - Motion detection does not support recording without the TF card.
> - The TF card will be formatted automatically when you power on the doorbell first time.

## 2.3 Install Doorbell

**Before You Start**

- Make sure you have powered off the main power switch of your home.
- Make sure you have connected power cables of the doorbell.

**Steps**

1. Chisel a hole in the wall. The size of the hole should be 60 mm (width) × 106 mm (height) × 43.7 mm (depth).
2. Insert the junction box to the hole chiseled on the wall.
3. Fix the wall mounting plate to the junction box with 2 screws.

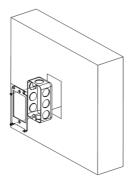**Figure 2-4 Insert the Junction Box**
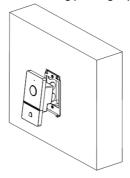
4. Hook the doorbell to the wall mounting plate tightly.



**Figure 2-5 Install Doorbell**

# 3 Basic Operation

You can configure and operate doorbell via Guarding Vision.

## 3.1 Set Up Mobile Client

**Before You Start**
Make sure your mobile device has been connected to Wi-Fi.

Guarding Vision client is necessary for doorbell configuration and operation.

**Steps**

1. Install **Guarding Vision** client and register a user account for iOS and Android.

   1) Search **Guarding Vision** in App Store or Google Play™ to download and install the client.

   2) Launch the App and follow the on-screen instructions to register a user account.

2. Start the **Guarding Vision** client, and login the client.

## 3.2 Set Up Doorbell via Client

To operate the doorbell normally, you should add the doorbell to the client, set its Wi-Fi connection via client first, and activate it.

**Steps**

1. In the home page of the client, tap **Add Device**.
   - Scan QR code of the doorbell to add.

     **Note**

     The QR code is printed on the label, which is on the rear panel of doorbell. If you have already installed the device, you can scan the QR code in the user manual.
   - Tap 🖼 to select QR code picture to add.
   - Tap 🖉 to enter **Serial No.** of the doorbell. Tap 🖫 to add.

2. Select device type as **Doorbell** and choose the model.

3. Tap **Connect to a network**.

 **Note**

Make sure the doorbell and the mobile device are in the same LAN.

- Wired Connection:

    a. Tap **Wired Connection** to enter the configuration page.

    b. Connect the device to a router with a network cable.

 **Note**

Make sure your mobile device is connected to the same router.

    c. Tap **Connected and Next** to complete network connection settings.
- Wireless Connection:

    a. Tap **Wireless Connection** to enter the configuration page.

    b. Enter the password of Wi-Fi and tap **Next**.

 **Note**

Make sure your mobile device has been connected to the same Wi-Fi.



**Figure 3-1 Connect to Wi-Fi**

c. Connect the mobile device to the Hot Spot of the doorbell and tap **Next**.

**Figure 3-2 Connect to the Hot Spot**

**⎡i⎤ Note**

- The password of the hot spot is **AP + Verification Code**.
- By default, the device enabled Wi-Fi AP mode. Or hold the reset button for 5 seconds to enter the Wi-Fi AP mode.

4. Enter the device password and tap **Activate**.



**Figure 3-3 Activate the Doorbell**

**⎡i⎤ Note**

- We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security

system, resetting the password monthly or weekly can better protect your product.

- If the doorbell has been activated, skip the step.

5. The account is connected to the device.

## 3.3 Remote Operation via Client

You can realize some certain functions of the doorbell via **Guarding Vision** (including, but not limited to, live view, and remote playback).

**Video Intercom**

Press **Doorbell Button** on the doorbell.

You can accept the call via the Guarding Vision client, get the live view of the doorbell, and capture the screenshots.

**Live View**

Tap the doorbell in the list to open the floating windows. And then tap the floating window to enter the Live View page.

**Figure 3-4 Live View**

**Playback**

In the Live View page, tap **... → Playback** to playback the videos stored in the TF card.

**Synchronize Time**

In the Live View page, tap **... → Settings** , you can set the time of doorbell.

Tap **Time Zone** to select the right time zone.

Tap **Date Format** to change the format.

**Alarm Notification**

In the Live View page, tap **... → Settings → Alarm Notification** to enable **Alarm Notification**.

Tap **Draw Motion Detection Area** and select area. Tap 🖫 to save.



When moving objects is detected in the selected area, an alarm will be triggered and related video will be recorded. In landscape mode, selecting area is more convenient.

**Figure 3-5 Draw Motion Detection Area**

Tap **Motion Detection Sensitivity** to adjust the sensitivity.



Low Sensitivity: Moving persons, large moving pets, and any other large moving objects in the motion detection area will trigger the alarm.

**Figure 3-6 Motion Detection Sensitivity**

**Upgrade**

Tap **Device Version** to enter the page.

Compare the **Current Version** with **Latest Version**.

Tap **Upgrade**.



**Figure 3-7 Upgrade**

**Volume**

In the Live View page, tap **... → Settings** , you can adjust the **Loudspeaker Volume** and **Microphone Volume**.

**Network**

In the Live View page, tap **... → Settings → Configure Network** to connect to network.

**Storage**

In the Live View page, tap **... → Settings → Storage Status** to check the TF card status. If the TF card status displays as Uninitialized, tap to initialize it. The status will then change to Normal. You can then start recording any event triggered video in the camera of the doorbell such as motion detection video.

### ⓘ Note

The doorbell supports 5-second pre-recording when the motion detection is enabled.

**Notification**

In the home page of the client, tap **Notification** to get or edit alarm messages.

### ⓘ Note

- The messages will be pushed automatically by enabling Message Push Notification.
- The client can receive the triggered alarm automatically when the doorbell is powered on by enabling Auto-Receive Alarm after Powering on.

# 4 Remote Operation via Client Software

You can configure the doorbell via Guarding Version Client Software remotely.

## 4.1 Activate Doorbell via Client Software

You can activate the doorbell machine remotely through the client software.

**Steps**

1. Run the client software and enter the device management page. The online device will be displayed in the online device list.

2. In the online device list, select the device that needs to be activated, clicking **Activate** and the activation window will pop up.

3. Enter and confirm the password, clicking **OK** to complete the doorbell activation.

> **Note**
>
> We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

## 4.2 Edit Network Parameters

**Steps**

1. In the online device list, select the activated device and click **Edit Device Network Parameters**.

> **Note**
>
> The mobile client will automatically search for online devices in the LAN.

2. Edit **IP Address**, **Subnet Mask**, **Gateway** and other information in the pop-up dialogue box.

3. Enter the password and click **OK**.

**Note**

- When setting IP address, please keep the IP address of doorbell and the IP address of computer in the same network segment.
- After editing the network parameters, the device needs to be re-added to the client.

# 4.3 Call Indoor Station

The device supports connecting the indoor station. After configuring the number of the corresponding indoor station, the indoor station can be called.

## 4.3.1 Configure Indoor Station No.

**Steps**

1. In the list of added devices, select the device, click **Remote Configuration** to enter the remote configuration page.
2. Click **Intercom → ID Configuration** to configure the room No.



**Figure 4-1 Configure Indoor Station No.**

3. Select **Device Type**.
4. Configure **Project No.**, **Community No.**, **Building No.**, **Floor No.** and room **No.**
5. Click **Save**.

## 4.3.2 Linked Indoor Station

**Steps**

1. In the list of added devices, select the device, click **Remote Configuration** to enter the remote configuration page.

2. Click **Intercom → Dial** .



**Figure 4-2 Linked Indoor Station**

3. Configure the **Room No.** of indoor station.

4. Click **Save** to complete the configuration.

| Add the doorbell to indoor station | Add the doorbell as doorphone to the indoor station, you can realize some certain functions of the doorbell (including, but not limited to, live view, and remote configuration) via indoor station. See 《*Indoor Station User Manual*》 for detail steps. |
|---|---|

> **ⓘ Note**
>
> If the doorbell has been added to the mobile client and indoor station, the indoor station can not be added to the mobile client.

**What to do next**

Make sure the Community No, Building No. and Unit No. of the doorbell should be the same as the indoor station.

After configuring, you can press the doorbell button to call the indoor station.

See Far, Go Further