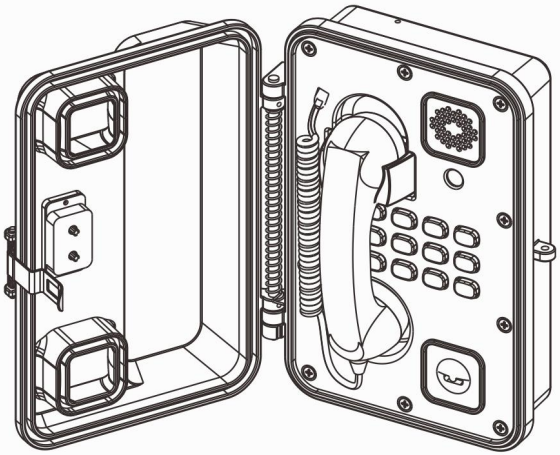
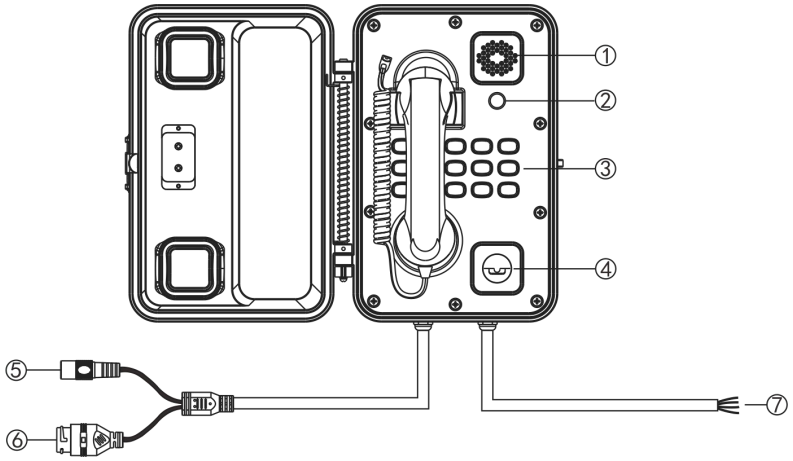
SPON

# IP NETWORK VIDEO INTERCOM TERMINAL
## Installation Instructions



IP NETWORK INTERCOM SYSTEM

## Interface Description




①Speaker ②Camera

③Function button

| Button | Function |
|---|---|
| “0-9” Number button | Used for input target ID when initiate intercom. |
| “#”,“*” Button | “Ok” button, “Cancel” button |
| “ ” Button | Hands-free call button |
| “CALL” Button | Emergency call button, press it to call the server mapping target ID directly. |
| “PA” Button | Initiate broadcast. |

**Note:** When picking up the handset, the digital zone light is normally on, and it is normally off when the handset is put down.

When offline, the hands-free, emergency call, and broadcast three function button lights flash slowly, and the lights are always on when the line is idle.

④Pickup mic ⑤Power input interface: 24V/2.7A power input.

⑥Network interface: insert cable to connect with the switcher, so that the terminal can normally login to server.**(The device supports power supply by POE, so it is needn’t to connect with any power supply if the network interface has already connected POE switcher.)**

⑦Six-core tail line, the relevant interface functions are as follows:

**Black line, white line:** alarm output port, connected to the police light. The white line is connected to the positive (+) and the black line is connected to the negative (-). (Alarm output voltage: 12V ± 5%, maximum current: 500mA).

**Brown line, yellow line:** power amplifier output port 1, brown line is the speaker positive (+), yellow line is the speaker negative (-).

**Blue line, green line:** power amplifier output port 2, Blue line is the speaker positive (+), green line is the speaker negative (-).

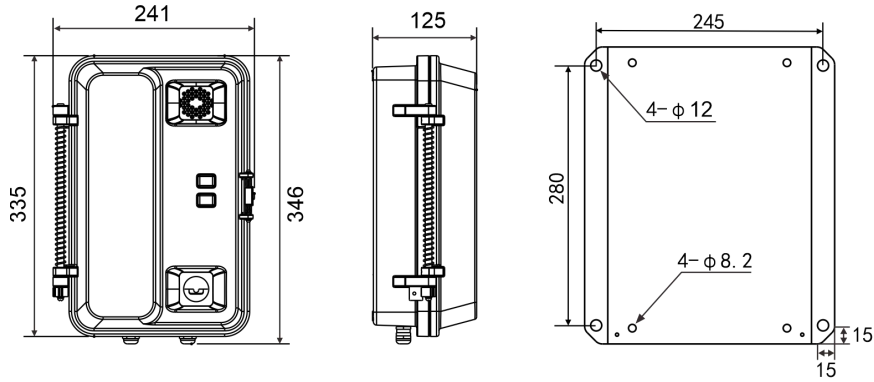
**Note： Please refer to the user manual for more detailed information.**

## IP Network Video Intercom Terminal Setting

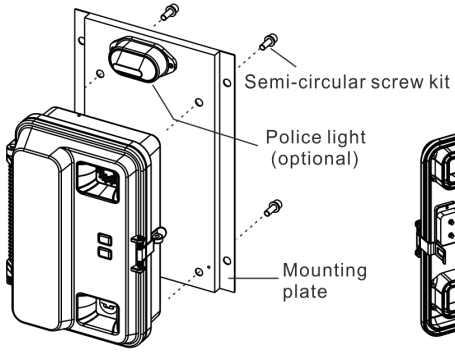
1.Enter the IP address of the device in the address bar of the web browser (factory default is 192.168.1.101) and press Enter.

2.Enter the user name and password in the login window that pops up (factory default is admin), enter the terminal web page.

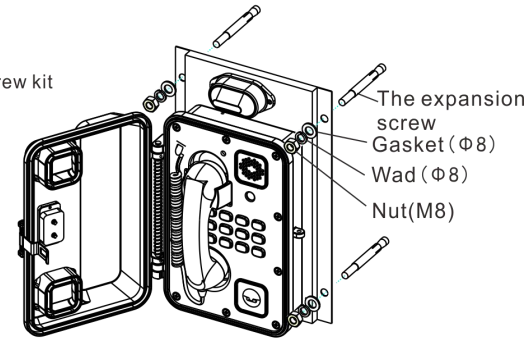
## Appearance and dimension (unit: mm)




## Installation Diagram




【Picture 1】




【Picture 2】

**Step 1:** secure the main unit to the mounting plate using the semi-circular screw kit in the accessory. As shown in Picture1. (If don't select alarming light , then the mounting plate and terminal is already secured , users can install it directly following step 2)

**Step 2:** in the installation position of the equipment, pre-drill the hole of the expansion sleeve according to the hole size of the mounting plate, knock the expansion screw into the wall of the installation position, and then fix the equipment with nuts and washers, as shown in Picture 2.

**Note:** 1) Expansion screws are not standard accessories, please choose suitable screws according to wall strength. When installing, please ensure the stability of the wall surface. It can't be installed directly on a wall with insufficient strength, such as gypsum board .If so , please reinforce the installing position to avoid any accident ;2) Please pay attention to the grounding of the equipment during installation. The grounding wire can be

connected to any screw on the mounting plate on the back of the device.

## Specifications, Functional Parts and Parameters

| | |
|---|---|
| Power input | DC24V/2.7A or POE |
| Supported network protocol | TCP/IP, UDP, ARP, ICMP, SIP, IGMP, ONVIF |
| Amplifier output power | DC: 2*30W/8Ω (Note :Power amplifier output is not supported when POE is powered) |
| Alarm output | Voltage：12V±5%, 500mA Max current |
| Network chip rate | 10/100Mbps |
| Audio coding | PCM/ADPCM/WAV |
| Audio sampling rate | 8KHZ-44.1KHZ　16bit |
| Video coding | H.264 |
| Video transmission bit rate | 16bps-2Mbps |
| Camera field angle | 95 degree |
| SNR | ≥93dB（A Weighted） |
| Total harmonic distortion | ≤0.3%，1kHz |
| Frequency response | 25Hz-15kHz |
| POE supports protocol | IEEE 802.3 af/at |
| Antistatic range | ±6KV |
| Surge resistant voltage | ±4KV |
| Working temperature | -20℃~60℃ |
| Appearance dimension | 346*241*125（mm）(only the main unit) |

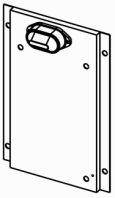
## Fault Exclude

| Fault phenomena | Fault reasons and fault exclude |
|---|---|
| Custom ringtone does not play properly | Check if the set ringtone meets the requirements. Custom ringtone only supports 8k wav format. |
| Amplifier has no output | 1. The “Broadcast Output Selection” in the web page audio parameters defaults to the speaker output. Please switch it to “Line Output”, restart the device to take effect after saving.2. Please check if the broadcast output volume is adjusted to the minimum. If yes, please increase the volume. |

## Packing List

Waterproof connector 1sets

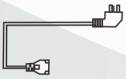
AC Adapter 1pce (DC24V/2.7A Female)



Police light and supporting mounting plate 1sets(optional) (including assembly screws)

Installation manual 1pce

Certification 1pce



Power cord 1pce **(Optional)**

SPON Communications Co., Ltd.
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Reserve the amendment right without notice

Wechat

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