



# Speco AIOS06 AIPK1 Single Door 2 Wire Video Intercom Kit User Manual

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**Speco AIOS06 AIPK1 Single Door 2 Wire Video Intercom Kit**



## Chapter 1 Function Overview

This product is an Outdoor Station in 2-wire analog video door phone system. Twin-core cable is adopted to connect into the system. It supports video intercom with Indoor Monitor and door unlocking. With the Relay Actuator Control Module connected, it also supports unlocking a 2nd door.

## Function

- Support calling to Indoor Monitor 1 and Indoor Monitor 2
- Adjustable unlock time
- Door status detection
- Support external camera extension (Camera Interface Module is needed)

## Parameter

### Working Parameter

- **Working Voltage:** DC 24-32V
- **Working Temperature:** -25°C-55°C
- **Storage Temperature:** -40°C-70°C

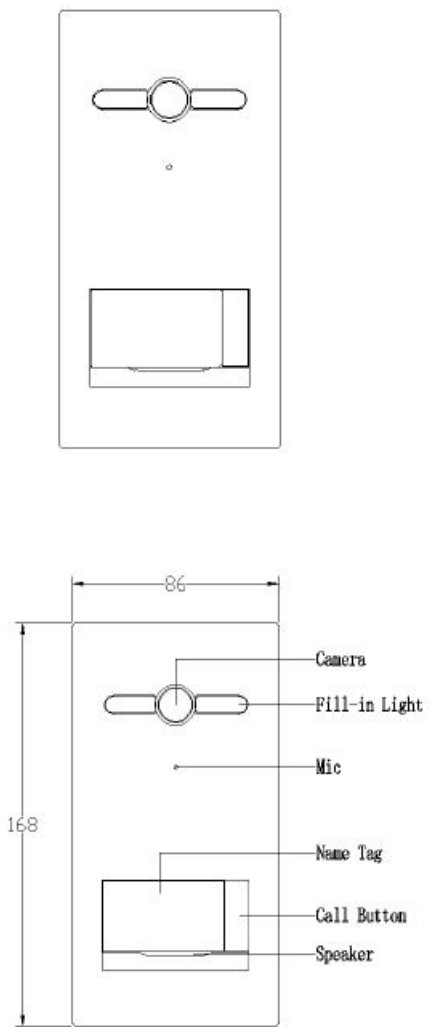
### Camera

- **Type:** CMOS
- **View Angle:** 90°Horizontal )
- **White Balance:** Automatic
- **Static Current:** ≤ 20mA (DC 30V)
- **Working Current:** 5 110mA (DC 30V) Dimension(H/W/D)168×86×26mm

- **Resolution:** 600TVL
- **Min. Illumination:** 0.1 lux
- **Fill-in Light Type:** Light Sensitive Diode

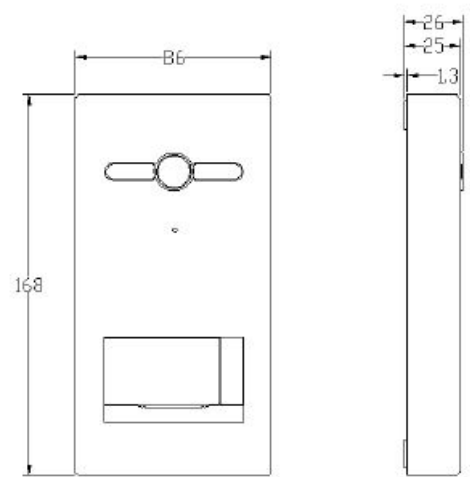
## Chapter 2 Product Introduction

### Front View



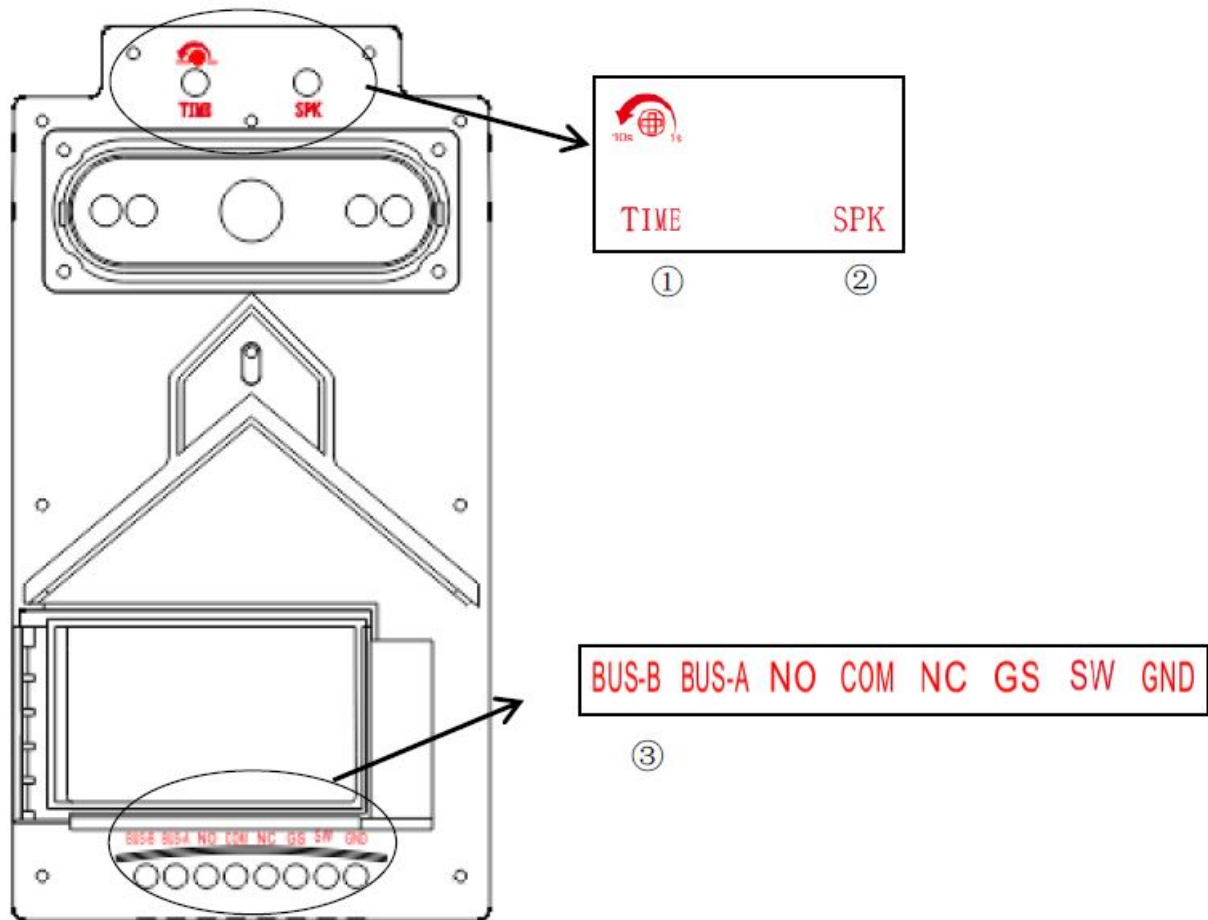
### Product Dimension

Unitmm



## Interface Introduction

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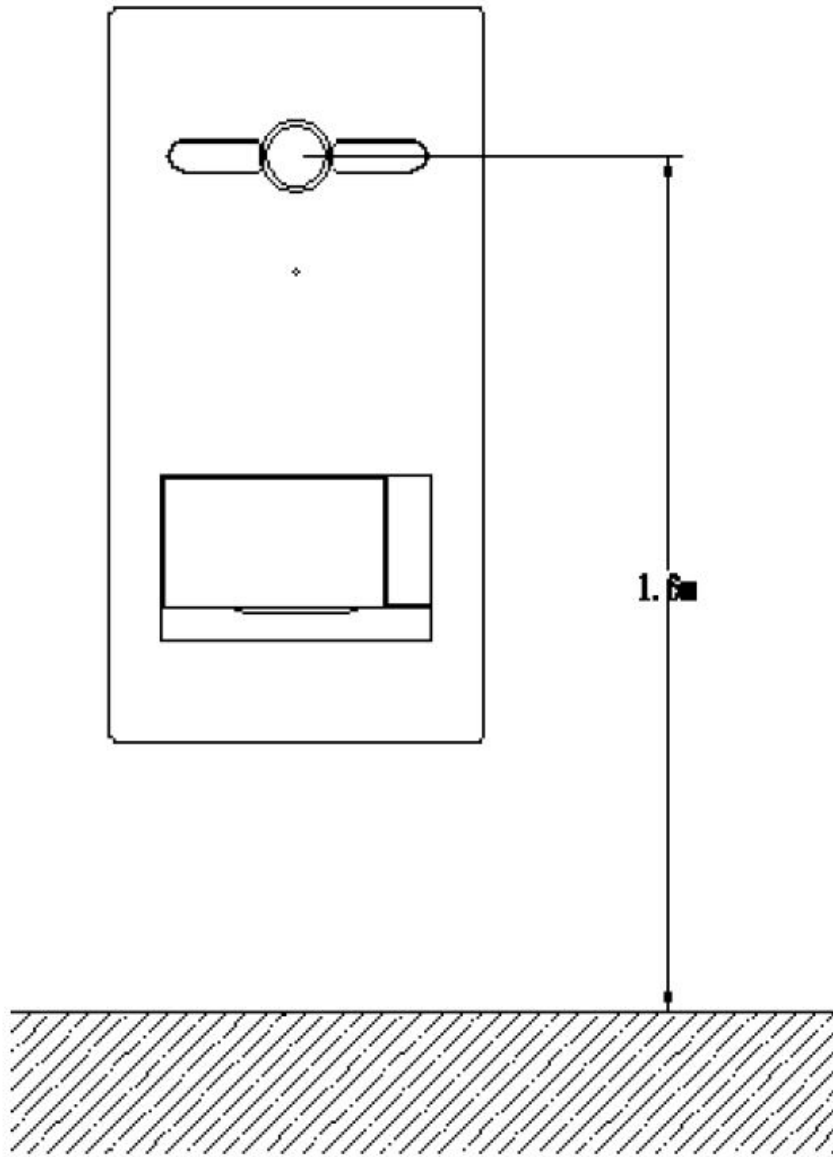


Interface ①

- Unlock time setting;
- Interface ②
- calling volume setting;
- Interface ③
- BUS
- **A** BUS B: Bus interface; NO, COM, NC: N normal open/close interface;
- **GS**: DOOR status detection interface;
- **DOOR SW**: Unlock inside;
- **GND**: Common ground.

## Chapter 3 Installation

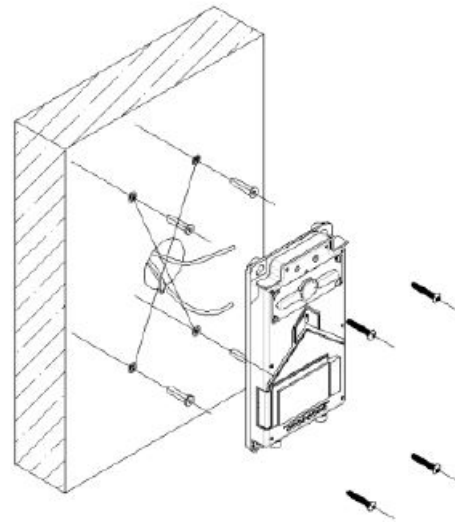
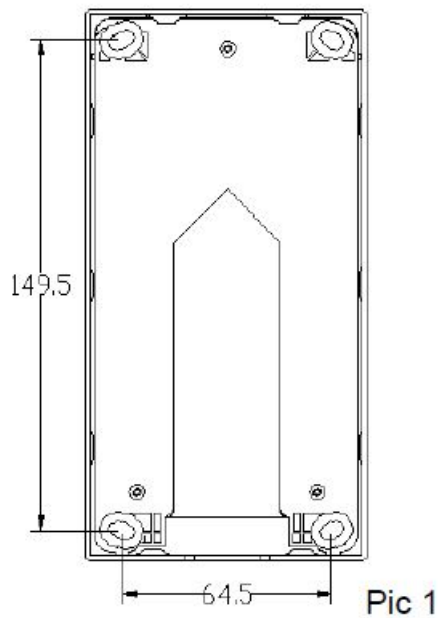
### Installation Height



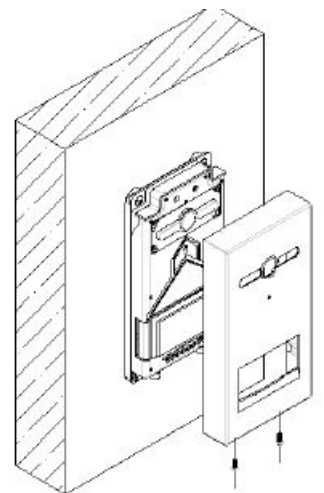
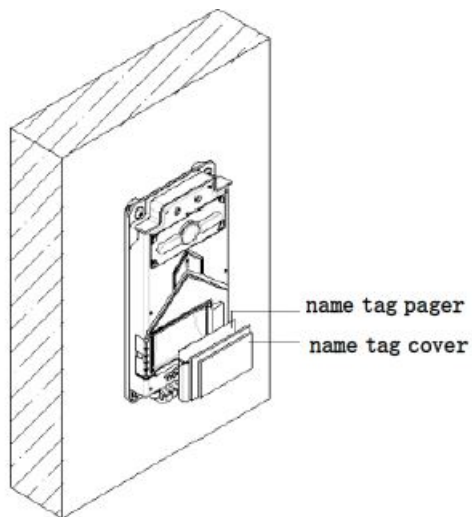
Suggested Installation Height: camera is 1.6m above the ground

### Installation Steps

- **Step 1:** Drill holes on the wall according to the installation size ( $149.5 \times 64.5\text{mm}$ ), fix the capsules into the hole (it is recommended to align the device to the center of the reference line), then place the device and fasten with self tapping screws(Pic 2).







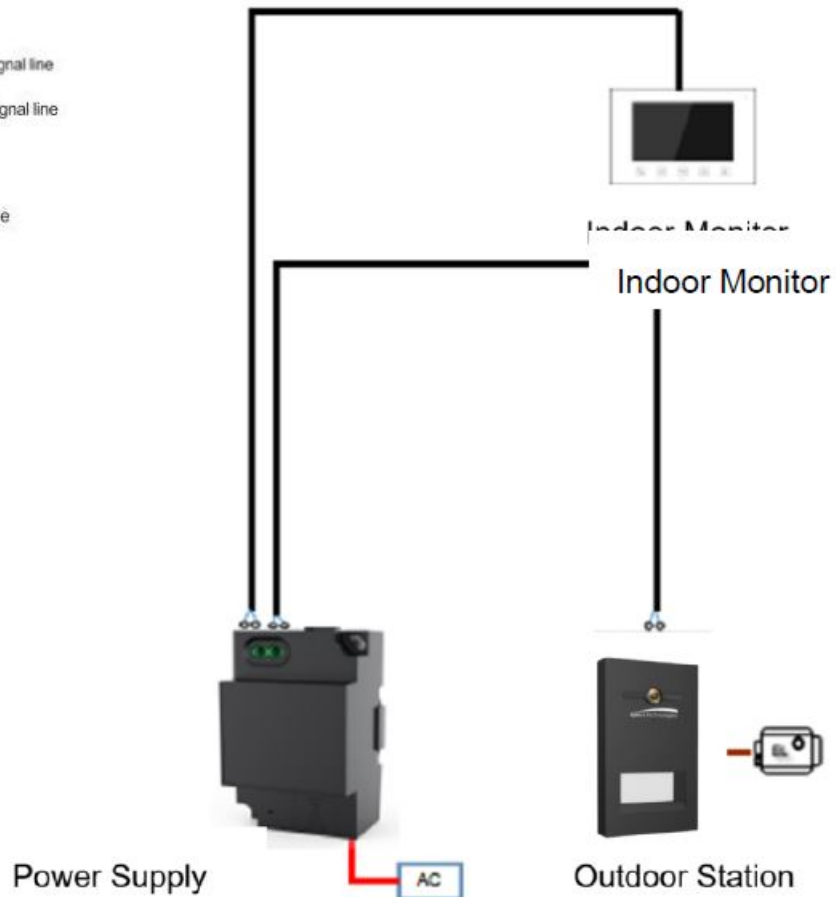
- **Step 2:** Fill in the apartment's information, and install it in the name tag area, then complete the wiring (Pic
- **Step 3:** Assemble the metal case onto the device, and fasten with plum blossom screw (Pic 4



## System Wiring

### Remarks:

	twin-core unlock signal line
	twin-core unlock signal line
	2-wire cable
	twin-core power line



### Remarks

1. The outdoor station is suitable for one or two apartments, and it is possible to make connections with large system
2. Supports multiple Indoor Monitors (maximum Qty is 4pcs) in one apartment, address of all Indoor Monitors in one apartment should be the same
3. **Attention:** When there are multiple monitors in one apartment, only one can be set as the master Indoor Monitor, otherwise there will be an overcurrent. Please check the interface introduction for how to set a master Indoor Monitor ③ When there are multiple Indoor Monitors in one apartment and a call is made, all Indoor Monitors will ring at the same time but only the screen of the master Indoor Monitor is turned on, and after one of the monitors pick up the call, the rest of the monitors hang up
4. The power supply is limited, so only 2 monitors are allowed to be operated at the same time (the intercom function is not)
5. The wiring above is recommended for two apartments. If there are multiple Indoor monitors in one apartment wiring with distributors (Star topology) are recommended.

## Chapter 4 User Instruction

### Calling resident

**Single Calling Function Outdoor Station AI O S06:** By short pressing the button of AI O S06 (Upper button/ Lower button), the visitor starts to call the same Indoor Monitor 1, whose ringtone will echo back. Repeating pressing the buttons during the call, then the countdown will be reset (each call waits for 30 seconds); if there's no answer in 30 seconds, the call will end. **Dual Calling Buttons Outdoor Station** It supports calling Indoor Monitor 1 and Indoor Monitor 2. By short pressing the lower button of the Dual Calling Buttons Outdoor Station, visitor starts to

call Indoor Monitor 1. By short pressing the upper button of Dual Calling Buttons Outdoor Station, the visitor starts to call Indoor Monitor 2. If the upper button is pressed while calling Indoor Monitor 1, then the call will be switched to Indoor Monitor 2 and the countdown will be reset (each call waits for 30 seconds). If there's no answer in 30 seconds, the call will be ended.

## Unlock

1. Unlock by Indoor Monitor or Door can be opened by Indoor Monitor when it's communicating with Outdoor Station or under surveillance mode.
2. Unlock by external push button As there is an interface for the integration of external push buttons, when this is connected, a normal push button can be used to unlock the door.

## External camera extension

Outdoor Station is supported to work with Camera Interface for external camera extension. As Outdoor Station is configured with Camera Interface, while Outdoor Station is calling Indoor Monitor or Indoor Monitor is monitoring Outdoor Station, the displays can switch between different cameras. For further information please refer to the user manual of Camera Interface.

## Chapter 5 Settings

### Factory Setting Cut

off the power of the outdoor station and power on within 60 seconds, long press any button on the outdoor station for 3 seconds. After a long beep, the factory reset is done.

### Unlock Time Setting

The default unlock time is 1 second. There is an adjustable potentiometer on the back side of the outdoor station (①), unlock time can be adjusted by a ratio of 180° from 1-second to 10 seconds, lengthen in an anticlockwise direction, shorten in a clockwise direction.

### Calling Volume Setting

The default calling volume is in the middle value. There is an adjustable potentiometer on the back side of the outdoor station (②), unlock time can be adjusted by ratio of 180°. Users can freely adjust the calling volume according to the installation environment.

### Address Setting

In standby mode, press any button from outdoor station for 3 seconds, the device will beep twice to enter the address setting mode. Press the button to add the address number from 1-5, after each short press, the device will beep at different times to show what number it is with. For example a device with NO. 1 will beep once, if it's set to NO. 5, it will beep 5 times after short press. When a device is already NO. 5, one short press will make this device become device NO. 1, cyclically. After address setting, press any button for 3 seconds to exit setting mode with a long beep, or the setting mode will exit automatically if no operation for over 15 seconds.

1. Please keep devices away from strong magnetic fields, high temperature and wet environments.



2. Please handle with care, a drop or any hard impact will damage the device.





3. Please do not use a wet cloth or chemicals to wipes devices.



4. Please do not disassemble the device.

**Documents / Resources**

<div><div>User Manual</div><div><div>AIOS06 Outdoor Station</div><div></div><div><div>2-Wire Outdoor Station (Surface Mounting)</div><div>AIOS06 User Manual, 7-13</div></div></div></div>	<div><div><a href="#">Speco AIOS06 AIPK1 Single Door 2 Wire Video Intercom Kit</a> [pdf] User Manual</div><div>AIOS06 AIPK1 Single Door 2 Wire Video Intercom Kit, AIOS06, AIPK1 Single Door 2 Wire Video Intercom Kit, 2 Wire Video Intercom Kit, Video Intercom Kit, Intercom Kit</div></div>
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