T-series Outdoor Station User Manual_V1.1

T-OS01-IC   T-OS03-IC   T-OS04-IC

User Manual for T-OS01-IC/T-OS03-IC/T-OS04-IC

Unit 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 access control with IC card.

- **Support IC card**
- **Support calling indoor monitor**
- **Adjustable unlock time**
- **Door status detection**
- **Support normally open/close unlock output**
- **Tamper alarm**

1.1 Parameter

Working Voltage:DC 24～30V

Working Current:30V === 150 mA

Storage Temperature:-40℃～70℃

Static Current:30V === 25 mA

Working Temperature:-25℃～+55℃

Dimension(W/H/D)：120×194×44.7mm

1.2 Camera

Type:CMOS

View Angle:Diagonal 90°

Focus Length:2.2mm

Adjustable Angle:up/down/left/right 12°

Pixel:≤30W

Min. Illumination:0 lux
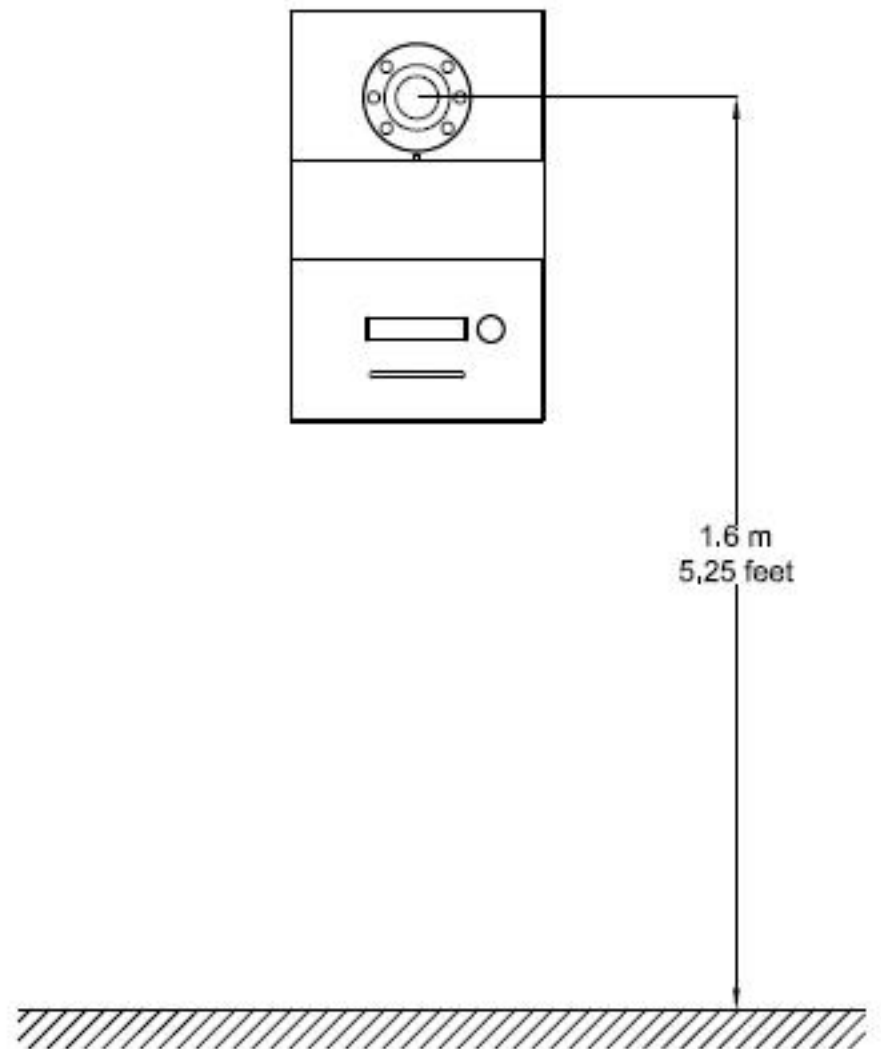
Fill-in Light Type:white

Unit 2 Dimensions
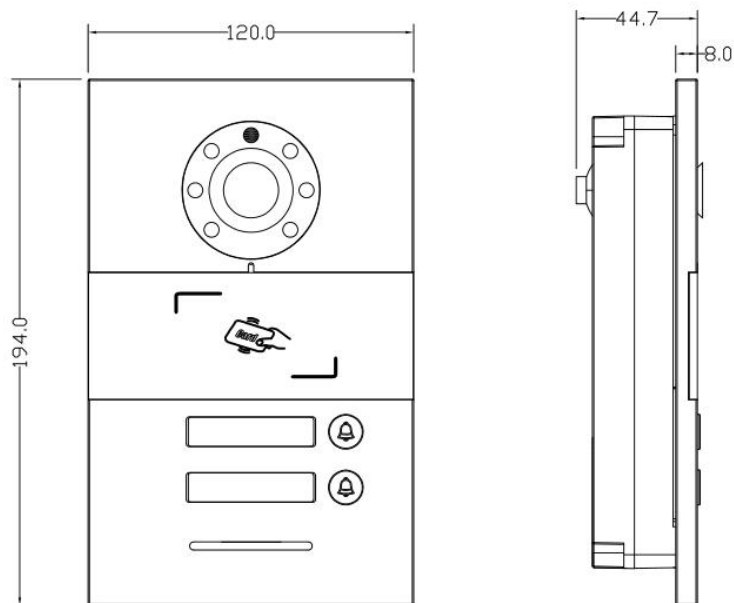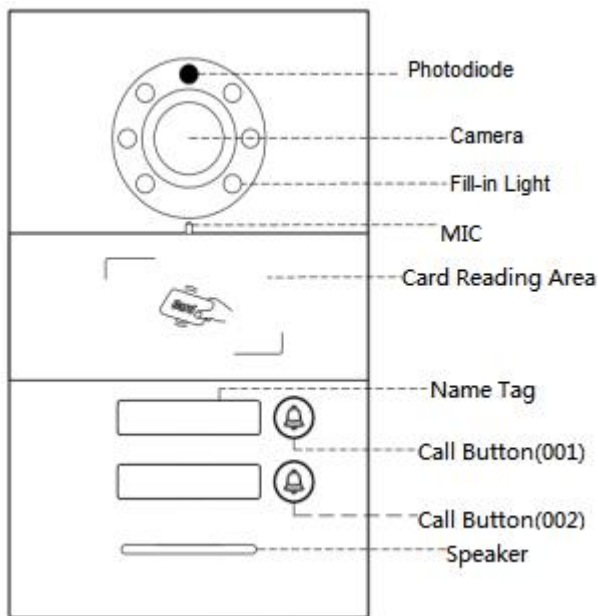
Unit 3 Interface Description
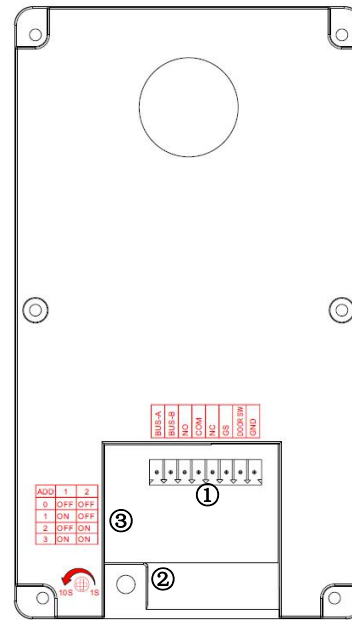

①
BUS-A,BUS-B:Bus Interface;
NO,COM,NC:Normally open pin,common pin,normally closed pin;
GS:Door status detection;
DOOR SW: Door unlock switch inside;
GND: Common ground.

②
Unlock time setting,details on page 4.

③
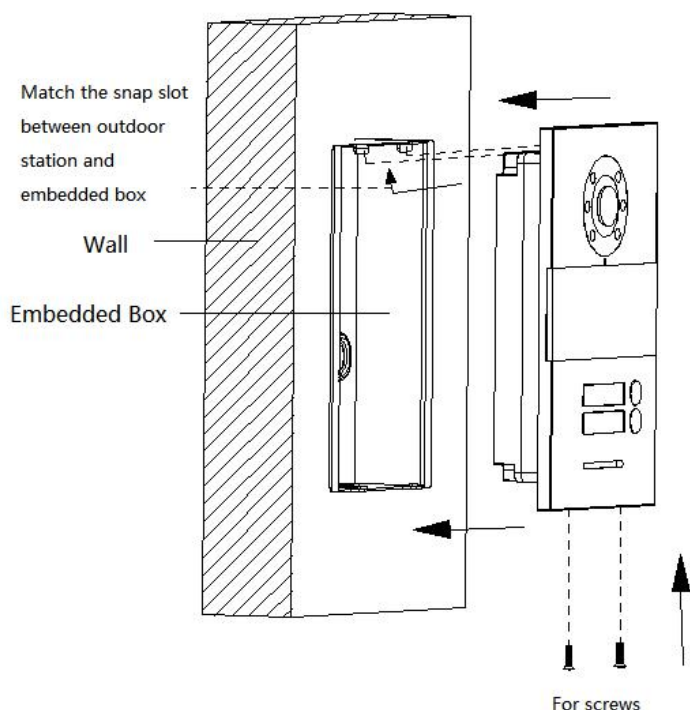Outdoor Station ADD setting, details on page 4.

Unit 4 Installation Height

1.6 m
5,25 feet

Suggested height for installation: camera is 1.6m above the ground

Unit 5 Installation Step
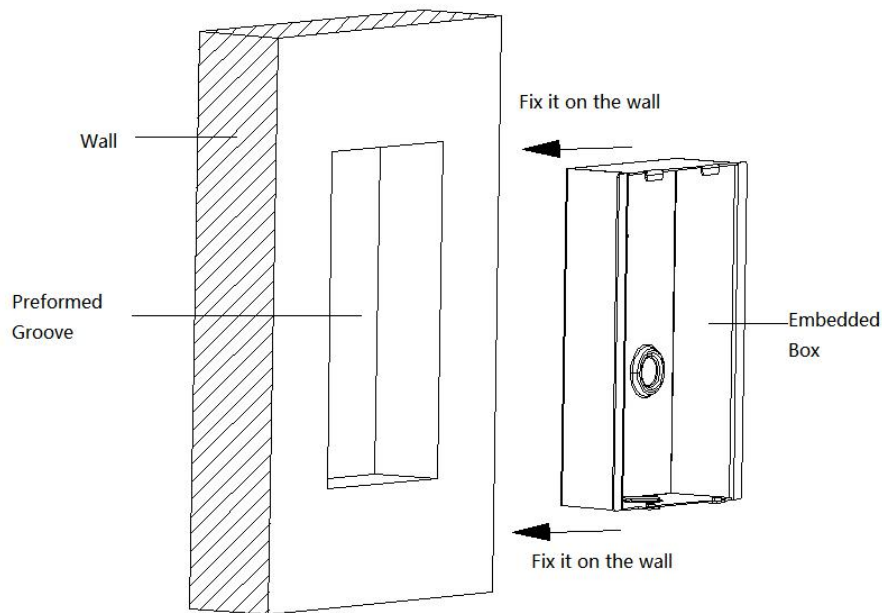
Step 1:

Put the embedded box into the preformed groove,

Dimensions of embedded box（W/H/D）:100×180×40mm

Step 2:

Put the outdoor station into the embedded box, fasten with screws.

The installation steps mentioned above are in wall-embedded way,it can also be installed in wall-mounted way:

Step 1: Implant 4pcs expansion screws onto the wall,fix the embedded box onto the wall with 4pcs screws.

Step 2: Assemble the outdoor station into the embedded box and lock it with screws.

Attentions

1、Please keep devices away from strong magnetic field , high temperature , wet environment ;

2、Please do not fall the devices to the ground or make them get hard impact ;

3、Please do not use wet cloth or volatile reagent to wipe the devices ;

4、Please do not disassemble the devices.

Unit 6 Operation Instructions

6.1 Factory Reset
Cut off the power of the outdoor station and power on,set the ADD as 0,long press any button on the outdoor station for 3 seconds. After a long beep,factory reset is done.

6.2 Card Management

● **Registration for Admin Card**

Power the outdoor station after factory reset, the first swiped card within 60 seconds will be the admin card. After a long beep from outdoor station, the admin card is registered.

● **Card Registration Mode**

In standby mode, swipe the admin card to enter card registration mode.In 15 seconds,there will be 3 times of short beep if the swiped card is not the admin card. After 15 seconds without any operation, there will be 3 times of short beep and the outdoor station will return to standby mode,swipe the admin card again will enter continuously registration mode.

● **Continuously Card Registration Mode**

In card registration mode, swipe the admin card and after a beep, it will enter continuously card registration mode. In 15 seconds, user card can be registered:

①If card is registered successfully, outdoor station beeps and timing restarts, new user card can be registered;

②If card registration fails, outdoor station will beep 3 times and timing restarts;

③If there's no operation for 15 seconds, it will return to standby mode;

After registration is finished, swipe the admin card then it will return to standby mode.

● **Continuously Card Deletion Mode**

In card registration mode, swipe the admin card twice, outdoor station beeps twice, it will enter continuously card deletion mode. In 15 seconds, user card can be deleted by swiping:

①If card is deleted successfully, outdoor station will beep once and timing restarts, then more cards can be deleted;

②If card deletion fails, outdoor station will beep 3 times then timing restarts;

③If there's no operation for 15 seconds, outdoor station beeps and return to standby mode;

After card deletion is finished, swipe the admin card then it will return to standby mode.

● **Continuously Registration Mode for Admin Cards**

In card registration mode, swipe admin card 3 times, outdoor station beeps 3 times, then enters continuously registration mode for admin cards. In the following 15 seconds, admin card can be registered by swiping:

①If admin card is registered successfully, outdoor station beeps and timing restarts, more admin card can be registered;

②If admin card registration fails, outdoor station beeps 3 times and timing restarts;

③If there's no operation for 15 seconds, the outdoor station beeps and returns to standby mode;

After registration, swipe the admin card then it returns to standby mode.

● **Continuously Deletion Mode for Admin Cards**

In card registration mode, swipe admin card 4 times, outdoor station beeps 4 times, then it will enter continuously deletion mode for admin card. In 15 seconds,admin card can be deleted by swiping.

①If admin card is deleted successfully, the outdoor station beeps and timing restarts, more admin card can be deleted;

②If admin card deletion fails,outdoor station beeps 3 times and timing restarts;

③If there's no operation for 15 seconds, the outdoor station beeps and returns to standby mode;

After deletion, swipe the admin card then it returns to standby mode.

● **Delete All User Cards**

In card registration mode, swipe admin card 5 times, the outdoor station beeps 10 times, then it will enter delete all mode.Within 15 seconds,swipe the admin card then it will delete all user cards:

①If delete all user cards successfully, outdoor station beeps and returns to standby mode;

②If deletion of all user cards fails(or swipe the wrong card), outdoor station beeps 3 times and return to standby mode;

③If there's no operation for 15 seconds, outdoor station beeps and returns to standby mode.

Note:

Quantity of Admin card+ User card ≤200pcs

6.3 Unlock Time Setting

There is an adjustable potentiometer on the back side of the outdoor station(②), unlock time can be adjusted by ratio of 180°from 1 second to 10 seconds, lengthen in anticlockwise direction, shorten in clockwise direction.

6.4 ADD Setting

There is a dialer at the back of the outdoor station(③), the method of setting is as below:

1	2	ADD
OFF	OFF	0
ON	OFF	1
OFF	ON	2
ON	ON	3

Note: It enters setting mode when ADD is 0.