T Series 2-wire Outdoor Station (Digi-pad)
User Manual_V1.0
T-OS12

1.Function Overview

This product is an outdoor station for the 2-wire analog video door phone system, it is connected to the system by 2-core cable the main function is to intercommunicate with the indoor monitors.

- **Support calling to indoor monitor**
- **Unlock time adjustable**
- **Door status detection**
- **Support push button unlock**
- **Support normal open/close unlock output**

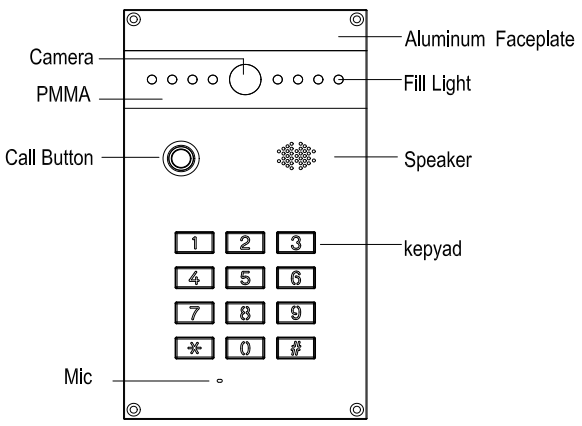
1.1 Parameter

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): 120×210×35mm

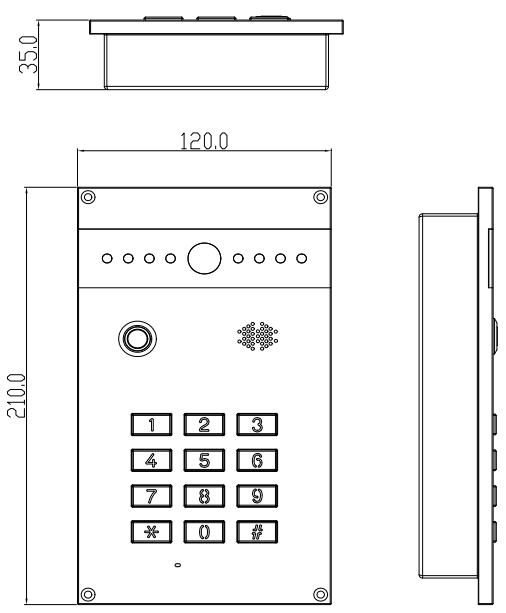
1.2 Camera

Type: CMOS
View Angle: Horizontal 74°
Focus Length: 2.5mm
Pixel: ≥700TVL
Min. Illumination: 0 0lux
Fill-in Light Type: White

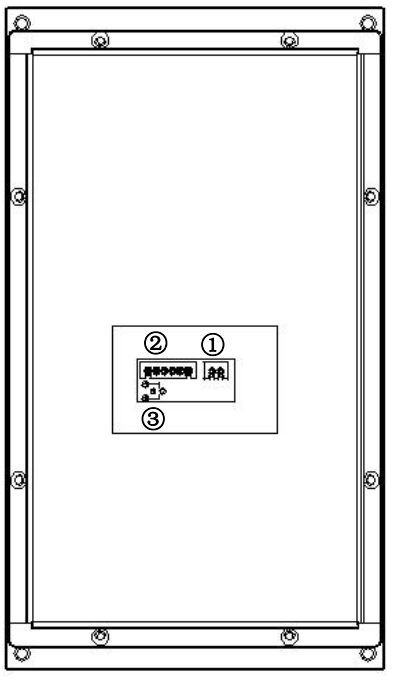
2.Product Dimension



Unit：mm



3.Wiring Terminals Introduction



Terminal ①
BUS-A, BUS-B: Bus terminals;

Terminal ②
NO, COM, NC: normal open, common, normally close terminals.
DOOR SW: push button unlock terminal.
GS: door status detection terminal.
GND: common ground terminal.

Terminal ③
Unlock time setting (for details refer to the instruction).

4.Operation Instruction

4.1 Call resident

Visitor can press the call button to call the indoor monitor, the indoor monitor will ring, press the button again and the ringing countdown will be reset, if there's no answer after 30 seconds' countdown, the call will be ended.

4.2 Public Password Unlock

In standby mode, press the "#" twice and the device will beep once, after that enter a 6-digit user password (default code 666666, can be changed in engineering setting) and press "#" to confirm, the door will be unlocked. If the password input is incorrect or it's not confirmed within 30s, the machine will short beep 3 times and return to standby mode.

4.3 Engineering Setting

Within 5 minutes after the device is powered on, press "#*" to enter the engineering password interface, then enter the correct engineering password (801801) and press "#" to confirm, then the device will enter setting mode with the camera fill light on, meanwhile there will be a short beep to confirm that the device is in engineering setting mode.

(If the password is entered incorrectly or there is no operation for 30 seconds, the device will short beep 3 times and return to standby mode)

- **Address Setting**

In engineering setting mode, press "1" and "#", then the outdoor station will short beep once and enter the device address setting mode. Enter 1 digit from number 1-9 and press "#" to confirm, the outdoor station will long beep once to confirm it's finished setting and then return to standby mode; if no digit is entered or it's not confirmed within 30 seconds, the device will short beep 3 times and return to standby mode and the process need to be repeated.

- **Public Password Setting**

In engineering setting mode, press "2" and "#", then the outdoor station will short beep twice and enter the public password setting mode. Enter number 6 digits and press "#" to confirm, the outdoor station will long beep once to confirm it's finished setting and return to standby mode; if digits are less than 6 numbers or it is not confirmed within 30 seconds, the device will short beep 3 times and return to standby mode and the process need to be repeated.

- **Factory Reset**

In engineering setting mode, press "3" and "#", then the outdoor station will short beep 3 times and enter the factory reset mode, press "#" to confirm and the outdoor station will be reset to factory settings and return to standby mode, meanwhile the device will long beep once to confirm it's reset. If it's not operated for 30 seconds, the device will return to standby mode and the process need to be repeated.

4.4 Unlock Time Setting

There is an adjustable potentiometer (numbered ③) in the back of the outdoor station, it can be used to adjust the unlock time by turning the knob within the range of 1S to 10S, clock-wisely for increasing, the opposite decreasing.