Multitek®

LIK 35 IP DOOR PANEL
USER MANUAL

It obeys the rules of AEEE regulations.

CE

Table of Contents

WARNING AND CAUTION

Please make sure to follow the instructions to prevent any danger or property losses.

⚠	**Warning: Death or serious injury are expected**
🚫	Do not disassemble, install, or repair this product on your own accord
🚫	Do not place the product near a hot or humid place
	Do not forcibly bend the cord or put a heavy object on the product
	Do not use water, thinner or a detergent used to wash oil products when you wash the exterior
	Do not connect to other products while in use
❗	Make sure to clean it by using a dry cloth to prevent any breakdown or electric shock
	If the product emits a peculiar noise, odor or smoke, immediately cut off the power, and then contact the service center
✋	Do not put the plug in the socket with a wet hand

⚠	**Caution: An injury or property losses are expected**
❗	Make sure that dust or foreign substances are not gathered on the product
	Make sure to prevent foreign substances from entering the product
	Avoid direct rays of the sun or heating devices at a time of installation
	Install the product in a flat and stable place
👉	Pull the plug if the product is not used for a long time
🚫	Do not unplug the micro SD card when recording, this generally will cause loss of data

1. Technical Specifications

- 3.5" TFT LCD screen,320*240 resolution

- White LED for night vision

- Wide angle horizontal 120°

- Operating system: Linux System

- Network connection: POE

- Operating Voltage: 18V (POE)

- Operation temperature: -20 ~ 55 ℃

- Operating current: 280 mA (max: 500 mA, stand-by: 180 mA)

- Dust-proof and water-proof (IP64)

- Flush mounted

- Anti-vandal

- Dimensions (mm): 318(W) x 130(H) x 51(D).

2. Packing Contents
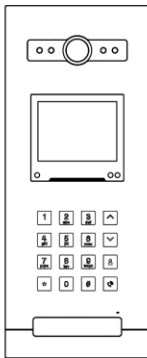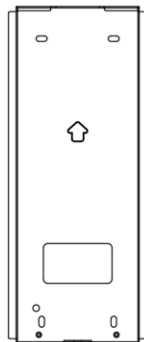
| Main body | Embedded box | 2*8 pin connector | User manual |

| M1.5mm Screwdriver | HM M2*5mm Fixing swipe card panel | KA M4*35mm Mounting screw | M4*35mm Plastic expansion pipe |
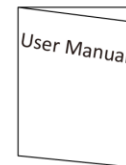
3. Name And Functions Of Each Part

3.1 Front And Rear Part
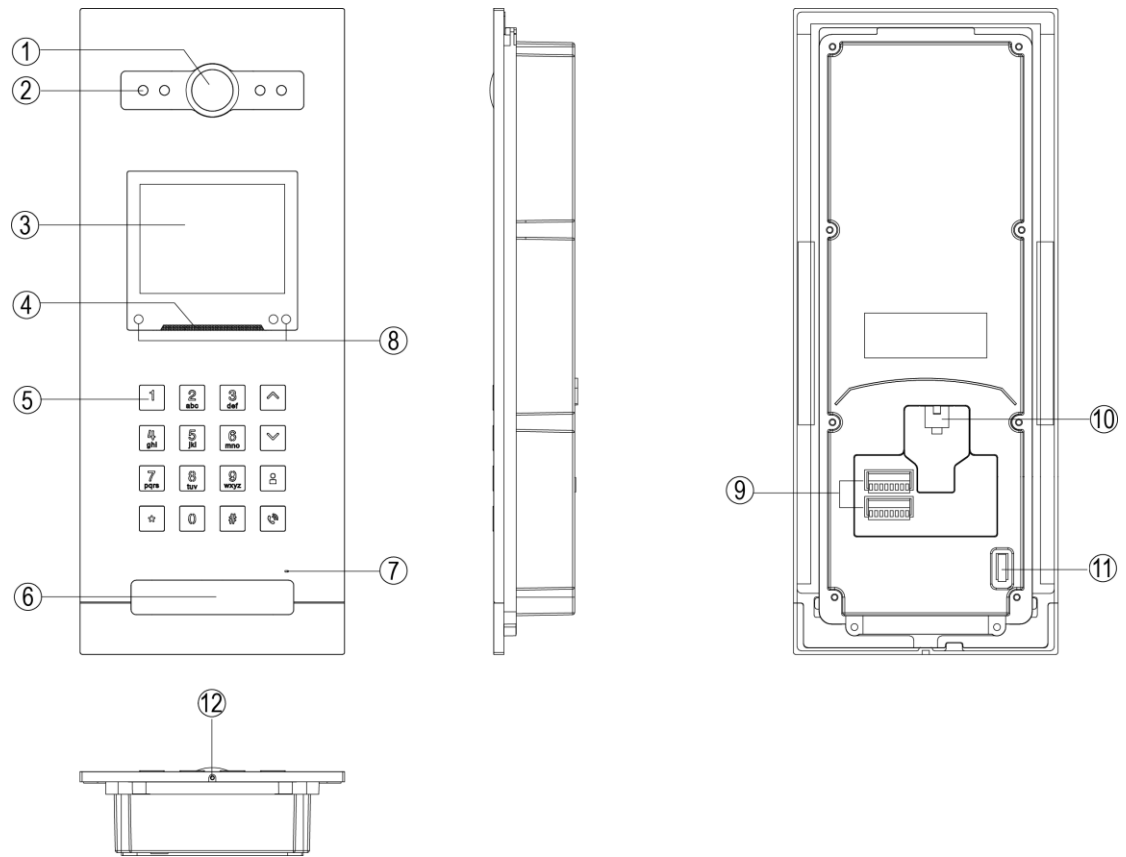
NO.	Part Name	NO.	Part Name
1	Camera	2	LED for night vision
3	Screen	4	Speaker
5	Buttons	6	Card-read area
7	Microphone	8	IR sensor
9	Connection port	10	RJ45 Connector
12	Tamper button	13	Screw for fixing swipe card panel

4. Connection Diagram

4.1 Wiring Diagram

Please be careful to wiring on polarity.
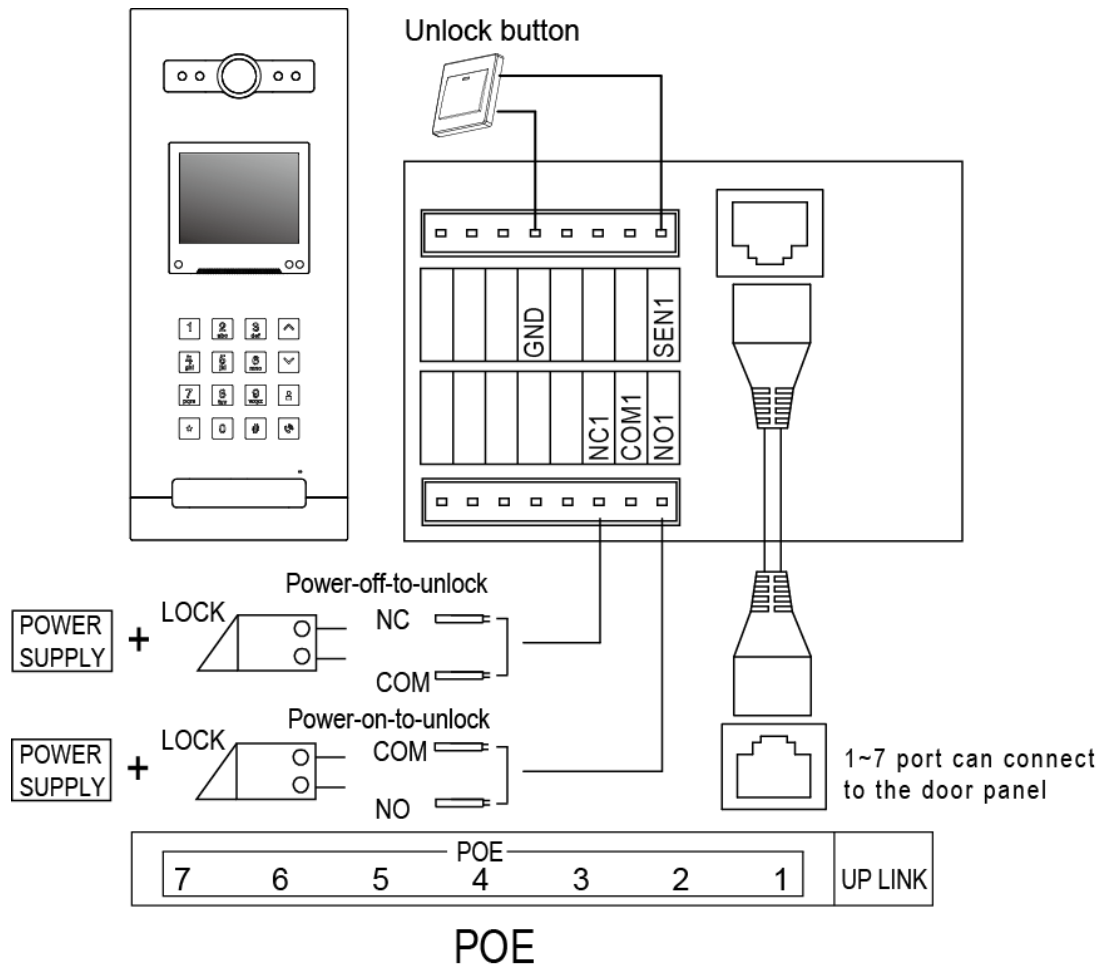
4.2 Electric Lock Connection

Note:

1. The external power supply must be used according to the lock.

2. The door lock is limited to 30V, 3A.

3. There are two unlock types as the follows:

Type 1: Power-off-to-unlock   Type 2: Power-on-to-unlock
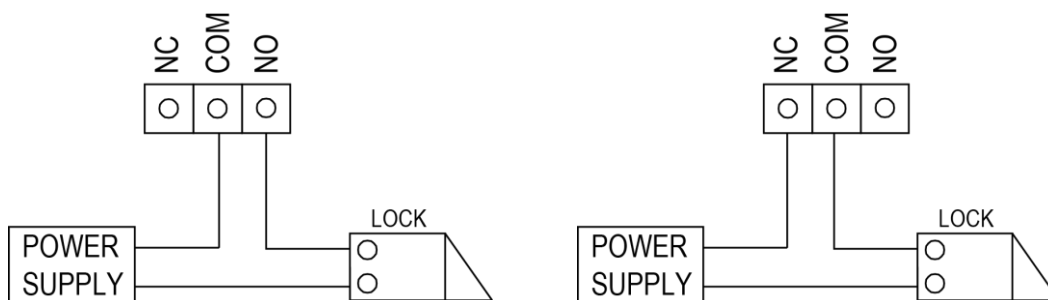
5. Installation
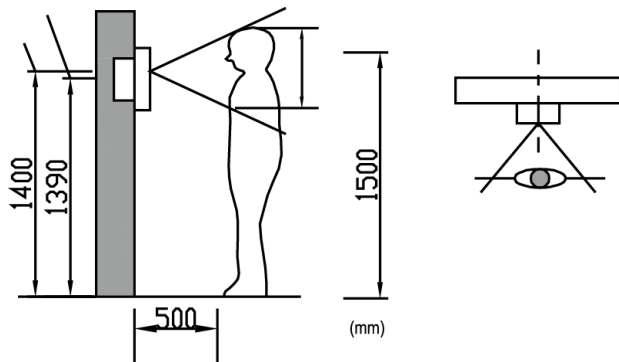
Camera installation location
Standard installation height of door panel: lens's height is about 1,400mm above the floor; in this case, camera stack center is about 1,390mm above ground level.
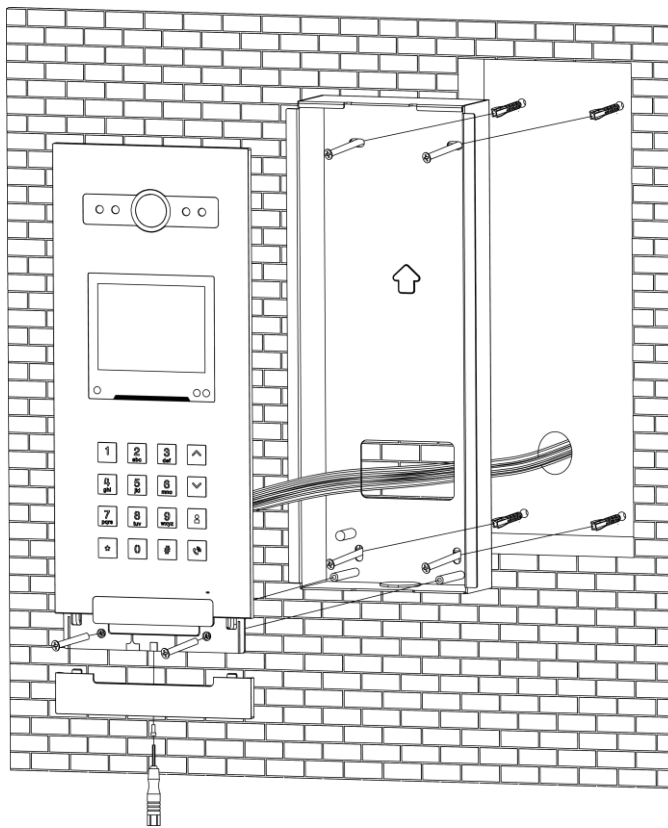
Wiring and installation of door panel
1) Remove embedded box behind door panel and fix it on the wall with screw;
2) Pull the cable out and connect the system according to 4.1 wiring diagram;
3) Fix the swipe card panel on the door panel with screw;
4) Fix the door panel onto the embedded box and fasten it with screws.

6. Operation Description

6.1 Main Screen

In standby mode, once the object is detected the screen will be shown as follows (button backlight and swipe card indicator light at the same time):

Remark:

- The IR induction distance ≤ 700mm.
- In night vision mode, the button backlight and swipe card indicator are always light.

6.2 Visitor Call

>>   Press the up or down button to enter the name list page, you can select the room number you want to call and then press "#" button or talk button to start the call;

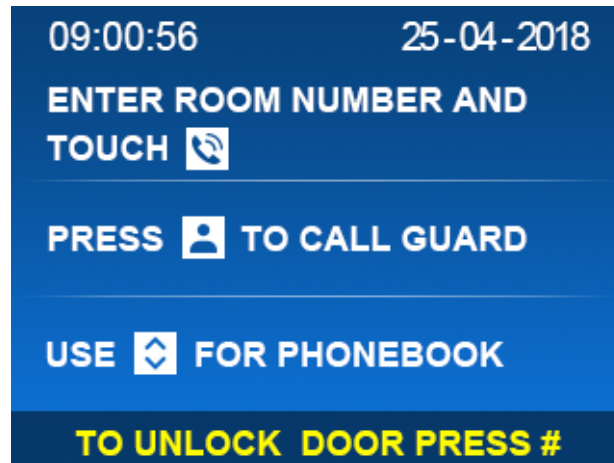>>   You can also call from the number buttons: input the room number you want to call and then press "#" button or talk button to start the call;

>>   Press the guard button to enter the guard & doorkeeper list page, you can select device you want to call and then press " # " button or talk button to start the call;

>> When there is only one Guard in the system, press guard button, it will call directly.

Remark:

- In the name list page, you can press "*" button to return the main screen; in the dial page, you can press "*" button to delete the number.
- During the call, you can press "*" button to end the call; but during talk, it is not permitted to end the call;
- The way to input the address: call room 1--dial 001 or 01 or 1; call room 12--dial 012 or 12 (only call flats belong to this block)

6.3 Setting Page

Press "*" button → talk button → 99 and then input the password, the screen will enter the setting page; you can press the up or down button to switch and select setting items, and then press "#" button to enter the selected setting page (default password: 0000; you can press "*" button to delete the password).
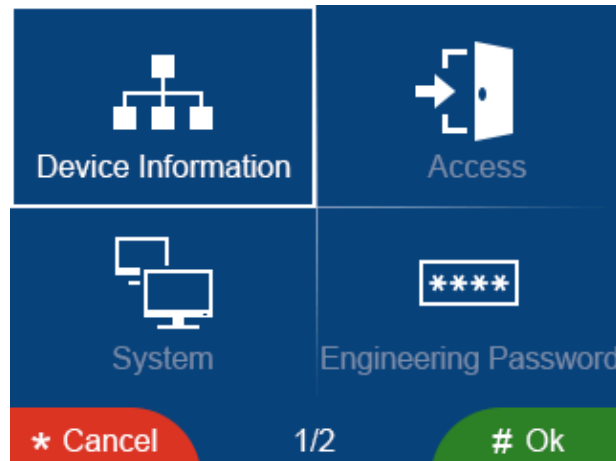
◆ In [Device Information] setting page, you can set the Block NO. / Device Id(The range of Block NO.:1~98; the range of Device Id :801~819).
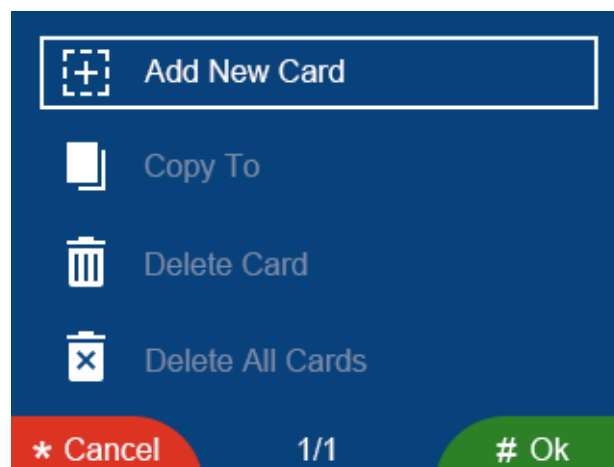
◆ In [Access] setting page, you can add or delete cards, enable/disable the unlock password function and set the unlock time (1~15s), you can also select the unlock button mode: Normal Open/Normal Close.

※ **Add Card**

In [Access] setting page, you can select the access card and then press "#" button, the screen will be shown as follows:

>> You can select the [Add New Card] item and then press "#" button to enter the name list page;

>> You can select the room number or input the room number you want to add and then press "#" button, the screen will prompt "Swipe card to 1001" (1001 is room number);

>> Move the card near the swipe card panel (one room can only add 5 cards);

※ **Copy Card**

>> You can select the [copy to] item and then press "#" button to enter the door panel list page;

>> You can select the door panel you want to copy to, then press "#" button to confirm.

※ **Delete Card**

>> You can select the [Delete Cards] item and then press "#" button to enter the name list page, you can select the room number or input the room number you want to delete and then press "#" button to confirm the delete;

>> You can select the [Delete All Cards] item and then press "#" button, the screen will prompt "Delete all cards" and then press "#" button to confirm;

◆ In [System] setting page, you can set the time & date, adjust the talking volume, restore factory settings and engineering setting; you can also set the language of the door panel, turn [Tamper Alarm] and [Voice Prompt] on or off, copy address book(only the first door panel supports this function; only copy the door panel in the same network).
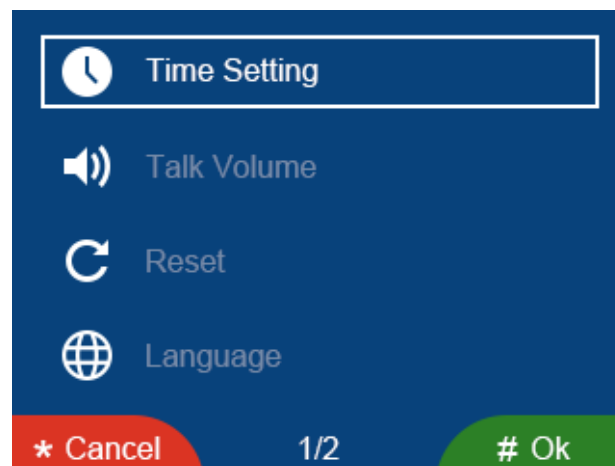
>> If you set the [Voice Prompt] is ON:

When you press the 0, 1, 2…9 button and you will hear a voice prompt "zero, one, two…nine";

When you press the up or down button and you will hear a voice prompt "user list" (only in main pages);

When you press the guard button and you will hear a voice prompt "security" (only in main pages);

When you press the "#" or talk button and you will hear a voice prompt "calling" (only in calling page);

When you unlock the card and you will hear a voice prompt "door opened".

◆ In [Engineering Password] setting page, you can set the engineering password(the password is 4 digit).

◆ In [About] setting page, you can review the Block No. / Device Id and HW Ver.

Remark:
- Door panel support only ID card.
- In any setting page, you can press "*" button to return to the previous setting page.
- The time & date of the first door panel will be synchronized to other device in the system.
- When you forget the engineering password, you can do the following operation to restore to the default password: press the tamper button → "*" button → tamper button →"#" button (valid only on the main page and the tamper alarm page; this operation must be completed within 3s).

6.4 Unlock Function

There are two unlock types as the follows:

>> Password unlock: "#" button → Unlock password → "#" button;

>> Card unlock: When a user move the added card near the swipe card panel, the door will be open.

Remark:
- The password unlock function can be enabled/disabled in the access settings.
- Swipe card distance ≤ 20mm.