DS-PK502 Series Bus Outdoor Keypad

Quick Start Guide

EN 50131-1:2006 + A1:2009 + A2:2017 + A3:2020
EN 50131-3:2009
EN 50131-5-3:2017
EN 50131-6:2017+A1:2021

Security Grade 2
Environmental Class II

User Manual	More Languages

UD45099B-D

Hangzhou Hikvision Digital Technology CO.,Ltd.
No.555 Qianmo Road, Binjiang District, Hangzhou 310052, China

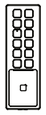
Flow Chart

1 Appearance
1.1 Unbox.
1.2 Check components and indication.

2 Installation and Wiring
2.1 Install the device to the wall.
2.2 Connect cables to terminals.

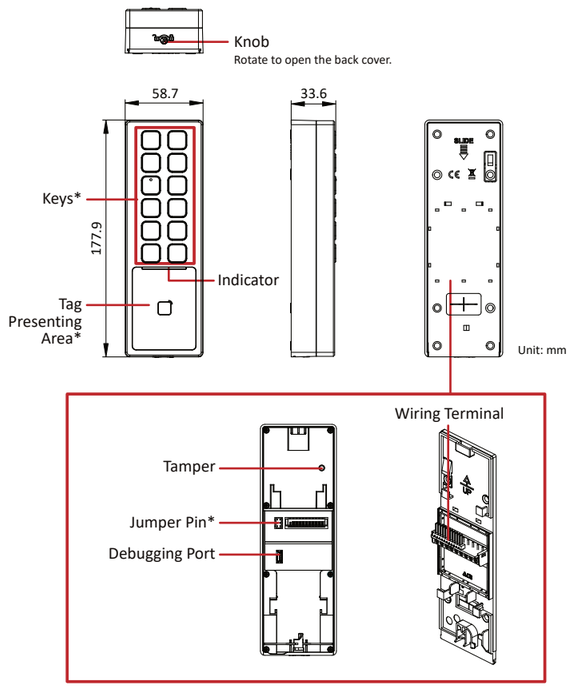
3 Quick Configuration
2.1 Configure on the device.
2.2 Configure via App.

Packing List

Keypad	Quick Start Guide	Screws
		
EoL	**Jumper Cap**	**Tag**
		

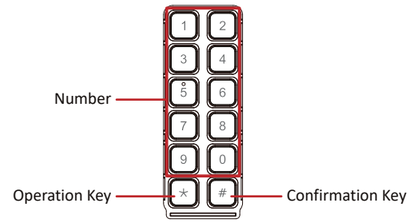
1 Appearance and Indicator

A Appearance

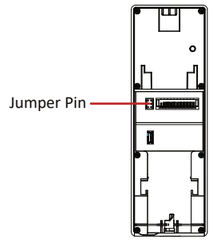


*Key: Press the key to arm/disarm, etc.
*Tag Presenting Area: Parts of the device models supports tag presenting function.
*Jumper Pin: Use the jumer cap to select NC/NO output type or 120Ω resistor.

B Key Descriptions



C Jumer Cap Descriptions



RT=120 Ω: If the interference is severe, or offline issues occur, you can use the jumer pin to keep wiring stable.

NC Output: The keypad NO/NC terminal will perform NC function.

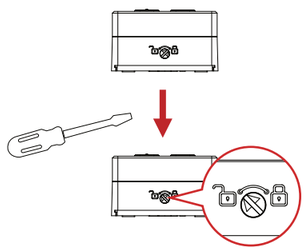
NO Output: The keypad NO/NC terminal will perform NO function.

D Indicator Descriptions

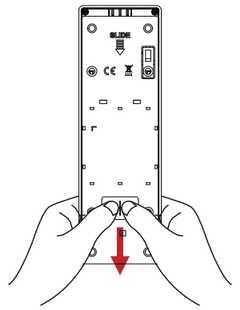
Indicator	Indicator Status	Device Status
—	Solid Red	Tampering Enrolling Failed
⁝—	Red Light Flashes	In Alarm
	Red Light Flahses 5 s	Operation Failed
⁝—	Orange Light Flashes	Arming/Disarming Fault Waiting Duration after Presenting Tag
⁝—	Yellow Light Flashes	Device Offline Waiting for Enrollment
	Yellow Light Flashes 60 s	Enrolling
—	Solid Green for 1 s	Power On
⁝—	Green Light Flashes	Exiting Delay Zone
	Green Light Flashes 3.5 s	Enrolled
	Green Light Flashes 5 s	Disarmed Operation Completed (Without Arming)
⁝—	Blue Light Flashes	Entering Delay Zone Find Me
	Blue Light Flashes 5 s	Armed
⁝—	Green and Blue Light Flashes	In Installation Mode

2 Installation and Wiring

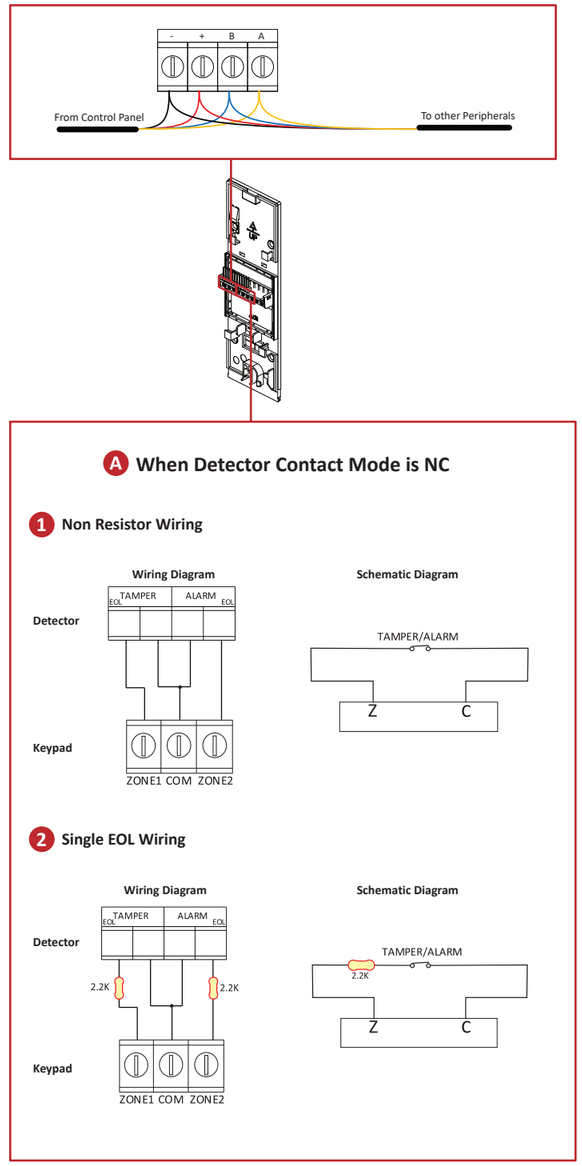
Step 1. Use a flathead screwdriver to turn the knob at the bottom of the device to the unlock position.



Step 2. Slide the back cover downward to separate it from the device.
Note: Press the cable hole as a leverage point to slide downward more effectively.

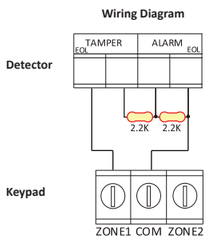


Step 3. Complete wiring.

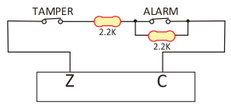


3 Double EOL Wiring

Wiring Diagram

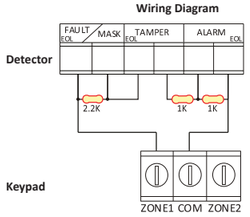


Schematic Diagram

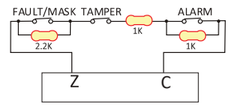


4 Triple EOL Wiring

Wiring Diagram

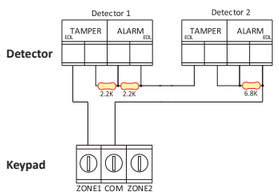


Schematic Diagram

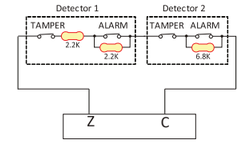


5 Double Zone Wiring

Wiring Diagram



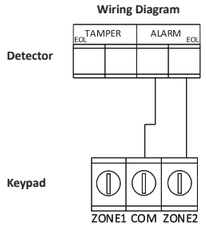
Schematic Diagram



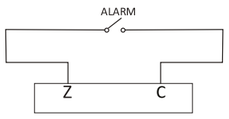
B When Detector Contact Mode is NO

1 Non Resistor Wiring

Wiring Diagram

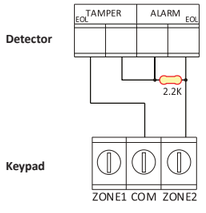


Schematic Diagram

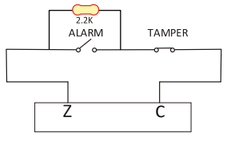


2 Single EOL Wiring

Wiring Diagram

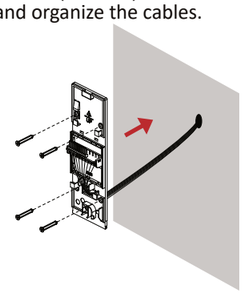


Schematic Diagram

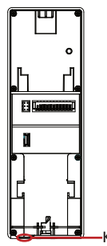


Step 4. Install on the wall.

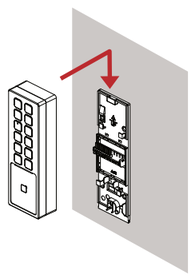
1) Use 4 screws (KA4X25) to fix the back cover to the wall, then connect and organize the cables.



Note: You can also knock out the indicated area for cable wiring.



2) Hang the device onto the back cover from top to bottom until a click is heard.



3 Quick Configuration

A Configuration on App

After the peripherals are wired with BUS, they are enrolled on the control panel automatically. You can configure the peripherals' parameters on the App.

Step 1. Download the mobile App.

Step 2. Tap the device on the device list page, and tap ⚙ to configure device parameters.
For detailed configuration, see the user manual.

B Configuration on Device

You can arm/disarm or send alarm notification via the keypad. Follow the tables to perform the actions.

Action	Function	Operation
Arm/Disarm	If the control panel set the authorization type as **Keypad PIN Only**: You can arm/disarm all areas under the associated user.	【PIN】+【#】
	If the control panel set the authorization type as **Keypad PIN Only**: You can arm/disarm the specified area under the user. (only one area at a time)	【PIN】+【*】+【Area No.】+【#】
	If the control panel set the authorization type as **Tag Only**: You can arm all areas under the user.	【Present Tag for a Long Time】
	If the control panel set the authorization type as **Tag Only**: You can disarm all areas under the user.	【Present Tag for a short Time】
	If the control panel set the authorization type as **Tag or Keypad PIN**: You can perform the operations above under the user.	All four of the above operations are valid.
	If the control panel set the authorization type as **Tag and Keypad PIN**: You can arm all areas under the user.	【PIN】+【#】+【Long Present】 Or 【Long Present】+【PIN】+【#】
	If the control panel set the authorization type as **Tag and Keypad PIN**: You can disarm all areas under the user.	【PIN】+【#】+【Short Present】 Or 【Short Present】+【PIN】+【#】
Duress Alarm	Trigger a duress alarm.	Replace the 【PIN】 in the above operations with【Duress Code】
Confirm Arming	Confirm arming during the arming process	【#】
Clear Input	Clear entered keys for re-entry	【Hold *】

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