LEELEN

Digital elevator controller
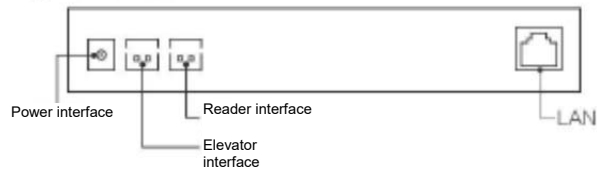
User Operation Guide V1.1

I. External view of equipment

1. Front view of the product

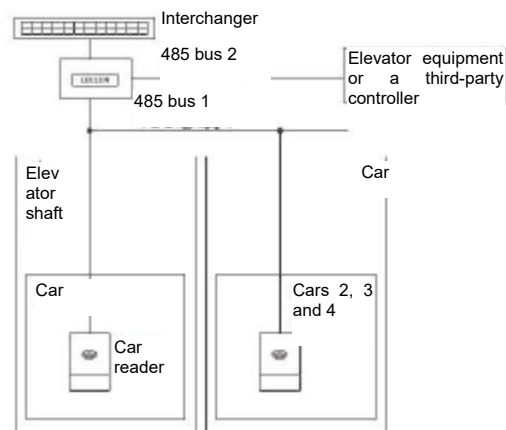2. Interface schematic
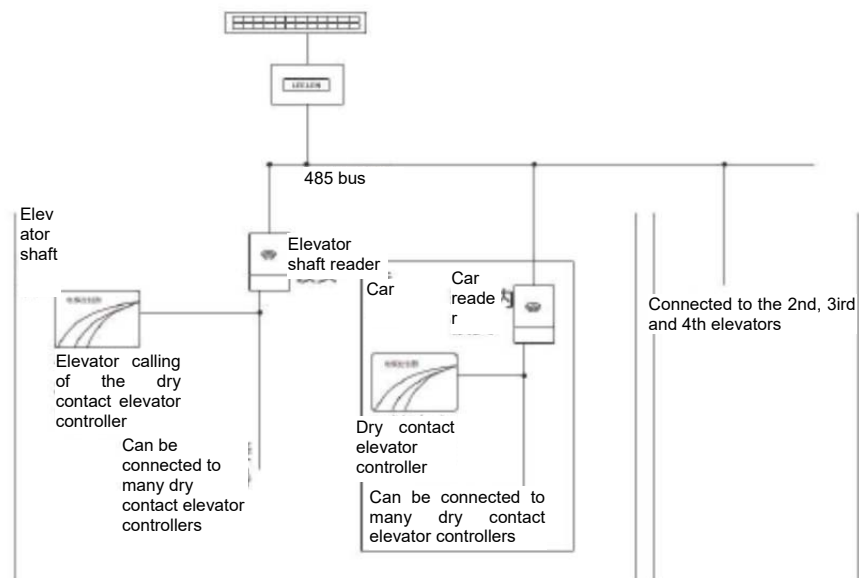

3. Wiring diagram

Digital elevator controller		Power	Elevator or third-party elevator control equipment	Card reader	Interchanger
DC power cord	Black	-			
	Red	+			
Elevator interface	Red		Red		
	Black		Black		
Reader interface	Red			Red	
	Black			Black	
LAN	RJ45				RJ45

II.　System wiring diagram

■ Protocol control

Interchanger

485 bus 2

Elevator equipment or a third-party controller

485 bus 1

Elevator shaft

Car

Car

Cars 2, 3 and 4

Car reader

■ Dry contact control

485 bus

Elevator shaft

Elevator shaft reader

Car

Car reader

Elevator calling of the dry contact elevator controller

Can be connected to many dry contact elevator controllers

Dry contact elevator controller

Can be connected to many dry contact elevator controllers

Connected to the 2nd, 3ird and 4th elevators
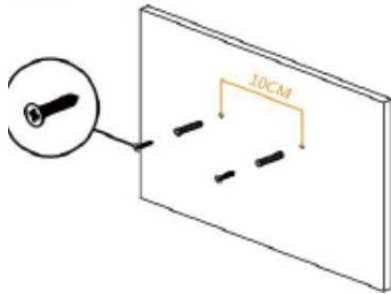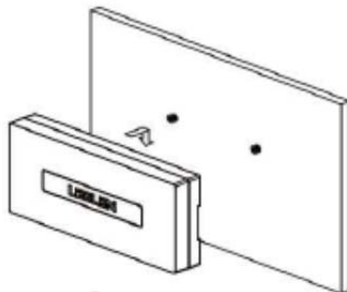
III. Installation diagram
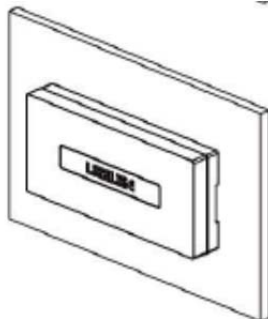
1. Installation mode with rubber plug screws

■ Drill two screw holes spacing 10cm in a proper place, insert the rubber plug and lock the screws.

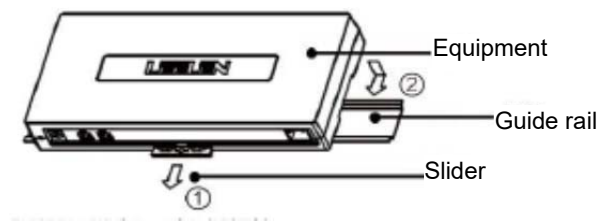■ Align the vacancy on the back of the equipment with the screw head and hang the equipment on the screws.

■ The installation is completed.

2. Guide rail type installation mode

Pull out the slider on the back of the equipment and attach the equipment to the rail rack of the machine box.

Buckle the slider back to the equipment to complete the installation.

3. Installation Precautions

a Before installation, you must read the product instructions, confirm the wiring mode, and confirm that the input voltage complies with the product requirements.

b Please use the product within the range of the technical parameters; if the power is used out of range, this may cause damage to the product. Non-professionals shall not open the housing or break down the product; otherwise, it may cause electric shock or damage to the product. Do not install the equipment in an outdoor or heavily-dusty place

c It is dangerous for high voltage! Non-professionals shall not open the housing!

IV. Functional characteristics

■ It can receive the elevator calling and floor opening authority commands from the host, the extension set and the digital access controller to achieve the elevator calling and elevator control functions.

■ When swiping the card on the reader in the car, open the elevator control floor corresponding to the card.

■ It can receive the elevator calling command, and automatically call the elevator to the designated floor.

■ It can store a maximum of 10 000 cards

V.　Technical specification parameters

Default number:	1111-0017
Default IP address:	192.168.1.17
Operating voltage:	12 - 24VDC
Maximum output power consumption:	2.5W
Maximum number of cards:	10 000
Operating temperature:	-40℃ - +75℃
External dimension:	200mm x 95mm x 30mm
Installation mode:	External-hanging installation
Protection class:	IP30

VI.　Product introductions

- ■ Elevator calling application for the extension set
  The host calls the extension set for intercom; after the extension is unlocked, the system automatically opens the elevator floor button for the floor where the user stays; the key is valid within the set delay time, and fails beyond the time.
- ■ User card elevator control function application
  When the user swipes the card in the card swiping part in the card with the user card, the system automatically opens the elevator control floor corresponding to the card; the user can press the same elevator floor button within the valid time, and the key fails beyond the time.
- ■ Management card elevator control function application
  When the property staff swipes the card in the reader in the card with the management card, the system will automatically open the permissions of all floors, and the keys of any floor are valid within the valid time, and all the keys are invalid beyond the time.
- ■ User exchange visit elevator control function application
  The user calls the indoor intercom extension set of other user in the same unit through the indoor intercom extension set; in the intercom process, if any party unlocks, the elevator automatically opens the permission of the floor where the unlocking party stays; the user can enter the elevator within a certain period of time, and you can press the floor key. The floor key is invalid beyond the time.

VII. Restricted substances

Part Name	Toxic and hazardous substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent nobelium (Cr6 +)	Polybrominated biphenyl (PBB)	Polybrominated diphenyl ether (PBDE)
Metal part	○	○	○	○	○	○
Plastic part	○	○	○	○	○	○
CRT display screen	X	○	○	○	○	○
LCD screen	○	○	○	○	○	○
Circuit board component *	X	○	○	○	○	○
Power cord/cable	X	○	○	○	○	○
Power/adapter	X	○	○	○	○	○
Packaging	○	○	○	○	○	○

This form was prepared in accordance with SJ/T 11364

*: Circuit board components include a printed circuit board and its components, such as resistors, capacitors, integrated circuits, etc.;
○: It indicates that the contents of the hazardous substance in all homogeneous materials of the part are below the limit requirement specified in GB/T 26572;
X: It indicates that the contents of the hazardous substance in at least one of the homogeneous materials of the part exceed the limit requirement specified in GB/T 26572;

Technology For Life

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The product shall be subject to the actual equipment