



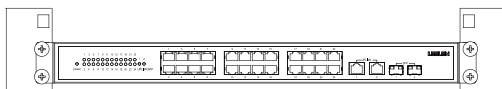
Digital Intercom Network Distributor

User Manual V1.0

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RP.R20.ZC-SM.003
The product is subject to the actual equipment

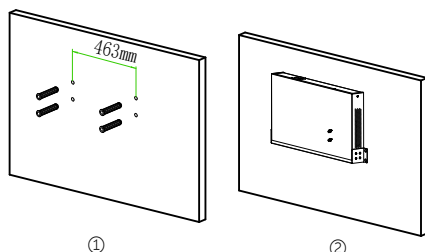


- ② Place the device in the appropriate position of the cabinet, fix the hanger lug on the device to the hole bar in front of the cabinet, and fix the it with nuts.



2) Wall installation

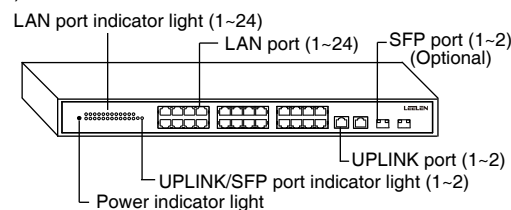
- ① Drill two holes spaced 46.3 cm apart and insert the rubber plug.
② Install the hanger lug on the device first, then install the the device on the wall, tighten the screw to make the device firmly on the wall, and the installation is complet-ed.



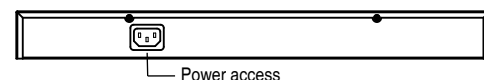
[4]

1. Product Appearance

1) Front view



2) Back view



2. Appearance Instruction

1) Port description

Port	Text	Description
Power access	/	220V three-core port cable, supplying power to the device through an external power supply
LAN port	1~24	Connect to the terminal device and provide SPoE power to the terminal device

[1]

3) Installation precautions

- ① The device is only used in indoor environment. Please place in a ventilated and dry place.
② The power supply of the device must be grounded.
③ The port cable should consider the influence of lightning to prevent the product from being damaged by over-voltage and over-current caused by lightning.
④ Please make sure the installation is secure and avoid falling.
⑤ Leave enough space (greater than 10cm) around the digital intercom network distributor to allow the device to properly dissipate heat.
⑥ The voltage of the power supply grid of the device should meet the input voltage range.
⑦ Cables of different voltages and different usage should not be laid on the same shelf. If they are installed on the same shelf when conditions are limited, they should be separated by a partition.

5. Features

- ① UPLINK port /SFP port can be connected to the upper and lower level PBX to realize the networking data communication function.
② The LAN port supports SPoE power supply and provides short-circuit protection. When any LAN port is short-circuited, the device will cut off the power supply of the port and will not affect the power supply of other ports. When the short-circuit is released, the port automatically restores power.

[5]

Port	Text	Description
UPLINK port	1~2	Connect to PBX or digital floor distributor.
SFP port	1~2	Connect to PBX or digital floor distributor.

2) LED indicator light description

Indicator Light	Text	State	Description
Power	Power	on	Power supply success
		off	Power supply failure
LAN Port	1~24	on	Connection success
		off	Connection failure
		flashing	Data transmission
UPLINK/ SFP Port	1~2	on	Connection success
		off	Connection failure
		flashing	Data transmission

3. Technical Parameters

UPLINK port communication bandwidth	10M/100M/1000M adaptive
SFP port communication bandwidth	1000M

[2]

- ③ The main network port can work in three modes, 10/100/1000m adaptive.
④ The SFP port is fixed in 1000M mode.

6. Product Instruction

- ① Install the digital intercom network distributor in the appropriate location and connect the power supply.
② Connect the network cable of the terminal device to the LAN port.
③ If the digital intercom network distributor is connected to another PBX or digital intercom network distributor via a normal cable, then connect the cables of the other PBX or digital intercom network distributor to the UPLINK port.
④ If the digital intercom network distributor is connected to another PBX or digital intercom network distributor via optical fiber, plug the compatible optical module into the SFP port and then connect the optical fiber to the optical module.
⑤ Check the status of the device indicator and confirm that the indicator is normal.

Note:

The device's UPLINK1 port and SFP1 port are allowed to use only one of them at the same time. If UPLINK1 is used to connect to other PBX or digital intercom network distributors, the SFP1 interface cannot be used, and vice versa.

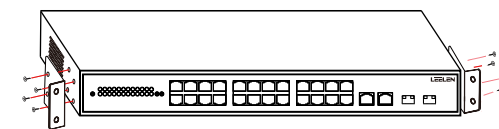
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LAN port number	24
UPLINK port number	2
SFP port	2 (Subject to different models)
Operating voltage	100-240V AC
LAN port output voltage	24V DC
LAN port maximum instantaneous current	600mA
Working Temperature	-25°C~+55°C
Dimension	440*220*45(mm)
Ingress protection	IP30
Compatible optical module models	HUAWEI:SFP-GE-LX-SM1310 NOKOXIN:SFP-GE-LX-SM1310-A 10Getk:ASF13-24-20-D

4. Installation

1) Cabinet installation

- ① Install the hanger lug on the device with screws



[3]

7. Restricted Substance

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

*: Circuit board components include a printed circuit board and its components, such as resistors, capacitors, integrated circuits, etc.;
O: It indicates that the contents of the hazardous substance in all homogeneous materials of the part are below the limit requirement specified in IEC62321;
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 IEC62321;

[7]