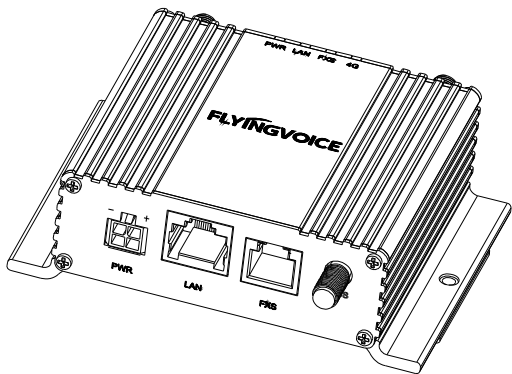


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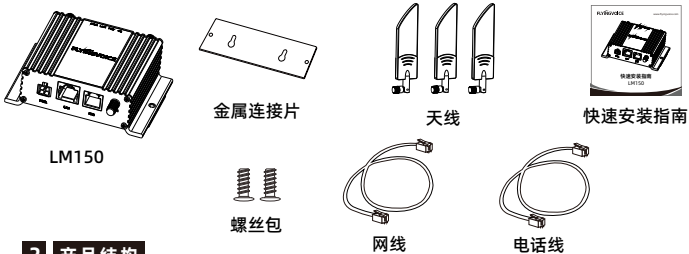
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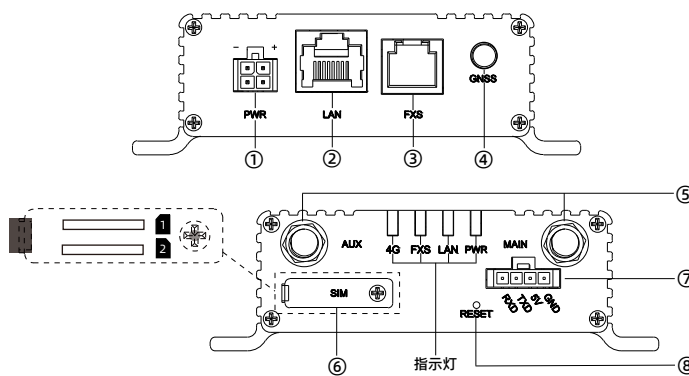
## 快速安装指南 LM150

### 1 包装清单

请检查您购买的产品是否包含以下组成部件，若缺少请与您的经销商联系。



### 2 产品结构



### 3 接口说明

序号	接口名称	接口描述
①	PWR接口	外接电源（12V/1A）
②	LAN接口	外接 PC 等终端设备，为其供网
③	FXS接口	外接模拟话机
④	GNSS天线接口	外接天线，接收卫星信号进行定位
⑤	4G天线接口	外接天线，接受4G信号上网或进行通话
⑥	SIM卡槽	支持插入 2 张 Nano-SIM 卡，既为自身供网，也提供呼叫号码
⑦	扩展接口	用于连接扩展设备
⑧	Reset按钮	长按 5 秒，恢复出厂设置

### 4 指示灯说明

#### 4G 指示灯

状态	描述
绿色常亮	信号强
蓝色常亮	信号中等
红色常亮	信号弱
熄灭	未插卡或插卡后未识别

#### PWR接口 指示灯

状态	描述
绿色常亮	上电成功
熄灭	未上电或上电异常

#### FXS接口 指示灯

状态	描述
绿色常亮	注册账号成功
绿色快闪	来电振铃、摘机、通话中
熄灭	未连接或注册失败

#### LAN接口 指示灯

状态	描述
绿色常亮	连接成功
绿色快闪	连接后传输数据中
熄灭	未连接

### 5 设备安装

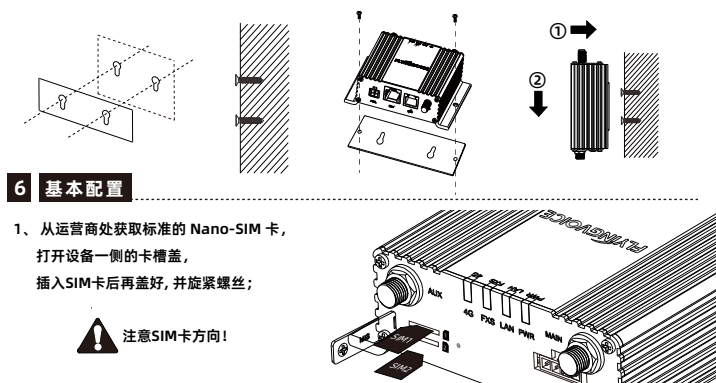
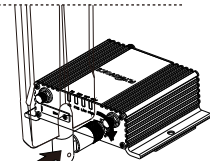
设备支持以下两种安装方式，请使用飞音标配的配件进行组装。

#### 桌面放置

- 使用自带的 3 根天线，将其分别在设备的 MAIN、AUX、GNSS 接口上拧紧固定，将天线弯曲到期望角度和方向；
- 根据您的需，将设备垂直或水平放置在桌面上即可。

#### 挂墙安装

- 使用自带的金属片，在墙面比对金属片的 2 个挂墙孔，标记并确定设备壁挂位置；
- 在墙面标记处钻入 2 颗螺丝，预留合适的螺丝长度在墙面以外，用于悬挂设备；
- 使用自带的螺丝，比对设备左右两侧标定的 2 个螺丝孔，将金属片对齐孔位钻入螺丝；
- 安装自带的 3 根天线，与桌面放置中第1步的操作一致；
- 固定金属片和天线在设备上后，将金属片的 2 个挂墙孔扣于墙面螺丝上，下拉设备使之锁定。



### 6 基本配置

- 从运营商处获取标准的 Nano-SIM 卡，打开设备一侧的卡槽盖，插入SIM卡后再盖好，并旋紧螺丝；



注意SIM卡方向！

- 设备上电：可以通过 PoE In 供电，或通过外接 UPS 不间断电源供电，设备上电成功后自动启动并通过 SIM 卡接入LTE 网络；
  - 若通过 PoE In：使用自带的网线，一端连接设备 LAN 口，一端连接支持PoE Out的设备，如PoE 交换机或飞音 PR08；
  - 若通过 UPS 不间断电源：通过 UPS 接口外接UPS电源，或搭配飞音 PR08使用，通过 UPS 短线连接PR08；
- 若用户需要登录 Web 后台配置，使用网线连接设备的 LAN 口至 PC 网口，并在 PC 的浏览器上访问设备的 LAN 口 IP 地址（默认：192.168.225.1），自动跳转登录平台后，输入登录账号和密码（默认：admin / SN后6位）即可进入设备管理后台页面进行相应配置；
- 若您需要连接模拟话机使用，使用自带的电话线连接设备的 FXS 接口至模拟话机，即可通过 SIM1 的号码进行呼叫通话。

### 飞音时代产品保修条例

#### 尊敬的客户：

感谢您选购深圳飞音时代网络通讯技术有限公司的产品。自您购买产品之日起，凡按照使用说明书安装使用，一年内本公司免费维修，一年后维修只收取维修工本费。非本公司产品质量原因引起的维修，如使用不当，保管不妥，擅自拆机等原因造成的损坏，将收取维修工本费。

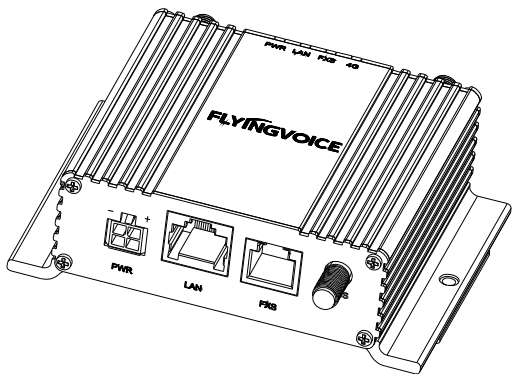
注：申请产品维修时，请把此保修卡和所购产品一起妥善送（寄）回售后服务部维修。

### 保修卡 / Warranty Card

产品型号/Product Model		标签/Tag	
客户名称/Customer Name		购买日期/Date of Purchase	
客户地址/Customer Addr.			
联系人/Contact Person		电话/Tel.	
经销单位/Distributor			
联系人/Contact Person		电话/Tel.	
销售日期/Date of Sale			

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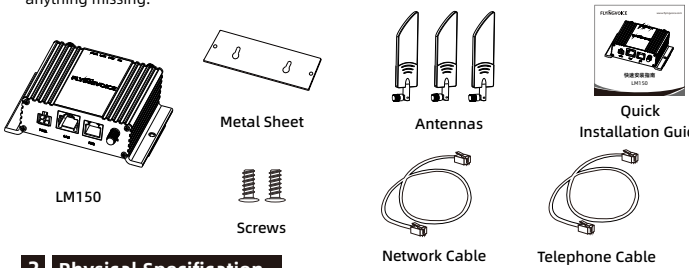
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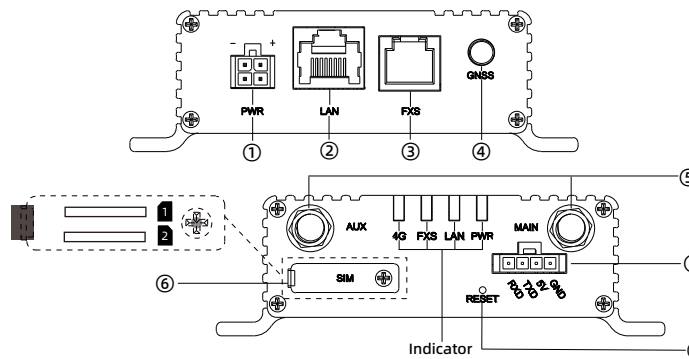
## Quick Installation Guide LM150

### 1 Packing list

The following items are included in your package. Please contact your service provider, if you find anything missing.



### 2 Physical Specification



### 3 Port Description

Number	Port Name	Port Description
①	PWR Port	Connect to Power Supply (12V 1A)
②	LAN Port	Connect to PC or other terminal devices for network
③	FXS Port	Connect to analog phone
④	4G Antenna Port	Connect to the antenna for receiving satellite signal
⑤	GNSS Antenna Port	Connect to the antenna for receiving 4G signal
⑥	SIM Card Slot	Support inserting 2 SIM card for network and VoLTE
⑦	Extension Port	Connect to extension devices
⑧	Reset Button	Press and hold for 5 seconds to restore factory settings

### 4 Indicator Description

#### 4G Indicator

Status	Description
Solid Green	Strong Signal
Solid Blue	Medium Signal
Solid Red	Weak Signal
Off	No SIM card or Unrecognized

#### PWR Port Indicator

Status	Description
Solid Green	Power On
Off	Power Off or Abnormality

#### FXS Port Indicator

Status	Description
Solid Green	Account Registered
Blinking Green	Ringling, Off-hook, On Call
Off	Disconnected or Unregistered

#### LAN Port Indicator

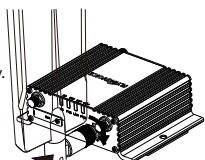
Status	Description
Solid Green	Connection successful
Blinking Green	Data transmission
Off	Disconnected

### 5 Device Installation

LM150 supports two installation methods, please use accessories from flyingvoice to install.

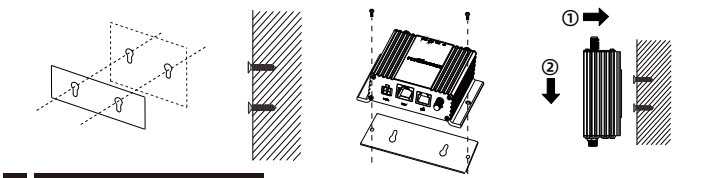
#### Desktop Positioning

- Using the 3 antennas included in the package, tighten and fix them on the port of MAIN, AUX and GNSS of the device respectively. Bend the antenna to the desired angle and direction;
- Place the device vertically or horizontally on the desktop according to your needs.



#### Wall-Mounted Installation

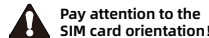
- Using the metal sheet included in the package, mark the wall mounting position on the wall;
- Drill 8 screws at the wall, allowing part of the screw beyond the wall for hanging the device;
- Using the screws included in the package, align the metal sheet with the holes and drive in the screws according to the 4 pre-drilled screw holes on the back of the device;
- Using the 3 antennas included in the package;
- After fixing the metal sheet and the device, snap the 8 wall mounting holes of the metal sheet onto the screws on wall and pull down the device to lock it in place.



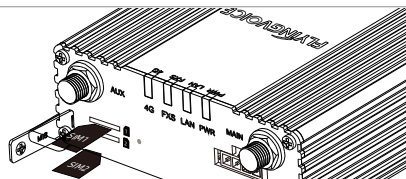
### 6 Basic Configuration

#### Device configuration:

- Get the standard Nano-SIM card from the operator, open the card slot cover on one side of the device, insert the SIM card and then put back the cover and tighten it with screw;



Pay attention to the SIM card orientation!



- Power on the device: it can be powered by PoE In or external UPS, the device will automatically start up after powering on successfully and access LTE network through the SIM card;
  - If it is powered by PoE: use the network cable that comes with the device, plug one end into the LAN port of the device, and connect one end to a device that supports PoE Out, such as PoE switch or Flyingvoice PR08;
  - If it is powered by UPS: Connect the UPS to the UPS port. If used with Flyingvoice PR08, connect to PR08 through the 4-Pin UPS short cable;
- If users need to log in the Web background to configure the device, use the network cable to connect the LAN port of the device to the PC network port, enter the IP address of the LAN port (default: 192.168.225.1) on the PC browser, and then after automatically jumping to the login platform, input the username and password (default: admin/last 6 digits of SN number), then you can configure the device through the web;
- If you need to connect to an analog phone, use the supplied telephone cable to connect the FXS port of the device to the analog phone, and then you can make a call through the SIM1 number.

### Flyingvoice Product Warranty Regulations

#### Dear Customer:

Thank you for purchasing the products of Shenzhen Flyingvoice Network Technology Co.,Ltd. Since the date of purchase, where the installation and use in accordance with the quick installation guide, our company will provide free maintenance within one year, after one year maintenance only charge the maintenance fee. Maintenance for non-product quality issues, such as improper use, improper storage, unauthorized disassembly and other issues for damage, will be charged for maintenance fee.

**Note:** When applying for product maintenance, please send the warranty card in this guide and the purchased product back to the customer service department properly for maintenance.