

GSM&PSTN Fixed Wireless Terminal LEASTLINK



**อุปกรณ์ประหยัดค่าโทรศัพท์สำนักงาน เชื่อมต่อกับตู้สาขาโทรศัพท์
สอบถามรายละเอียดเพิ่มเติมได้ที่**

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คุณสมบัติทั่วไป

General Description

GSM+PSTN fwt with LCR has the function to choose route automatically. When you dial from GSM+PSTN fwt, it will check the prefix no. you preset into device. Then it will call out through GSM or PSTN according to your presetting rules. And GSM /PSTN both support call in.

When you are in the phone call through GSM, and at the same time, another phone call to pstn line, the caller will hear busy tone. And vice versa.

It will dial out through GSM if you don't connect to PSTN or PSTN line is disconnected, and it will dial out through PSTN if you don't insert SIM card or GSM network no signal.

Available:

GSM 900/1800Mhz dual band, employing Wavecom Q2403A module to make;

Appearance and Structure

Item	GSM&PSTN LEASTLINK	Remark
Material	ABS (Acrylonitrile Butadiene Styrene)	
Dimension	170mm×118mm×30mm	Excluding antenna
Weight	400g	Weight of Main unit
Power Switch	Rocker switch	
Power Socket	12V DC input	
Phone interface	RJ11	2 RJ-11 ports
Antenna interface	SMA-female	
LED display	Power, in use, in talk, Battery, Signal strength	From left to right
Front side	LEDs display for Signal strength, Power, Working Status, Talking and Battery indicator;	
Rear side	1pcs SMA antenna connectors, 2 RJ-11 output, Power port and switch;	
Bottom side	1pcs SIM card holder slots, you can insert SIM card into the slot .	

2, Features:

- 1) Auto-select economic route (Low cost routing-LCR function)
- 2) GSM isn't ready, call will be forced to dial out from PSTN.
- 3) When not connecting to PSTN line, GSM will provide the forced dial-out function
- 4) Simple to install and easy to maintain
- 5) Steady module and reliable design ensures good performance
- 6) Provides optimized circuit directly connecting the exchange device for extensions
- 7) Compatible to most telephones, PBX device.
- 8) Strong signals with high gain antenna
- 9) Attractive plastic casing
- 10) SIM card supported (1.8V, 3V)
- 11) Caller ID display
- 12) Provides reversal polarity signal for metering
- 13) No noise and clear voice
- 14) Suitable for wide voltage range and low power consumption
- 15) Suitable for all kinds of weather and environment
- 16) RJ-11 ports (1 fxo for pstn line and 1 fxs port)
- 17) Locking PIN / network (optional)

3, Technical Specifications

Air interface standard: GSM 900/1,800 Mhz phase 2+ full band

Frequency ranges:

GSM 900:

Transmission : 890 ~ 915MHz

Reception : 935 ~ 960MHz

GSM 1800:

Transmission : 1, 710 ~ 1, 785MHz

Reception : 1, 805 ~ 1, 880MHz

Phone interface : supply RJ-11 Phone Interface

Hanging voltage : 45V

Picking off voltage : 30mA / 41mA

Dialing tone Frequency : 450Hz

Antenna interface : Antenna amplifying>2.5db

Sensitivity : <-104DBM

Transmitting power : <3W

Color : Black

AC-Adapter interface : Input: AC 110~240VAC 50~60Hz

Output : 12DC 1A.

AC-Adapter type : EU, US, AU, British can be optional

4, Operation Circumstance:

Operation temperature : -10c~60C

Storage temperature : -20C~70C

Operation humidity : 45%-95%

Atmosphere pressure : 86-106Kpa

Environment noise : <60DB

Transmitting Power : 2W

Sensitivity : <-104dbm

Antenna Amplifying : >2.5db

Dialing frequency : 450Hz

Hanging voltage : 45V

Picking current : 30mA/41mA

5, Packing List

Name	Quantity	Remark
GSM&PSTN LEASTLINK	1pcs	Dual band
Ac- adapter	1pcs	AC-110-240V, DC12V/1A
Antenna	1pcs	Magnetic Antenna with 3m cable
User's Manual	1pcs	English

G.W: 0.75kg per unit. 20pcs/CTN, 16kg /CTN, CTN Size: 55cmX34.5cmX32.5cm

6, Installation and Connection

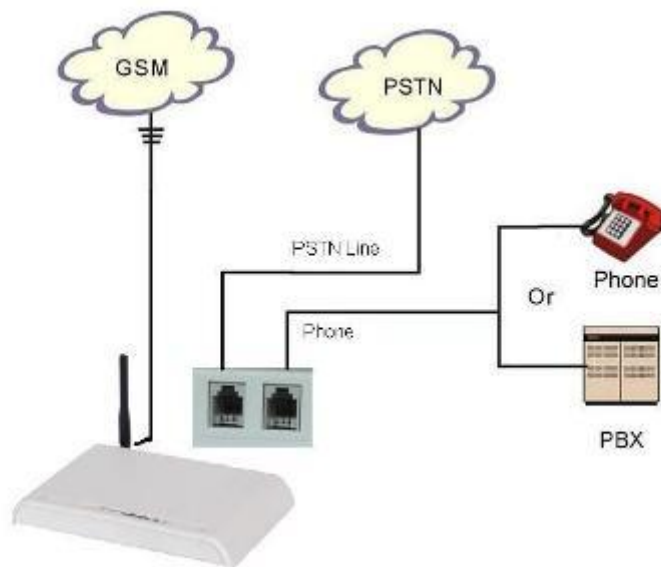
The Condition for Installation

The terminal asks for 110- 220V AV power supply. It must be installed in the area where the GSM network can cover. The strength of the signal can affect the quality of voice.

1. Screw off the screws that are on the back of the terminal, Insert SIM card for every Sim card holder, and then tighten the screws.
2. Install antenna. In order to ensure the quality of voice, antenna must be put beyond 1.5 from the telephone and terminal.
3. On end of the telephone line connects to the “Phone” port of the terminal, the other end connects to telephone.
4. “Power” port connects to power adapter that is connected to 110-220V AC power supply.

The Installation for Connecting to PSTN & Ordinary Telephone

The Sketch for connecting to PSTN And Ordinary Telephone set.



Draw your attention: Because there are many types of ordinary telephone and their electric parameters are different. In order to avoid mutual disturbance between telephone and terminal and affect voice quality. The distance between telephone and terminal is 1.5m at least.