SOLILINK

ZLT M30

LTE MIFI

ZLT M30 is a high-performance wireless communication product based on 4G network requirements. It is mainly used for data transmission services, equipment monitoring, wireless routing and other functions. ZLT M30 adopts high-performance processor, which can process protocol and large amount of data at high speed. It can be used with a variety of 4G CAT4 module, providing 802.11b/g/n Wi-Fi access.

Hardware Specifications

Spec	Description
Chipset	ZX297520V3E
LTE standard	LTE CAT4 150 Mbps(DL)/50 Mbps(UL)
ROM	1Gb
RAM	DDR2 512Mb
LED	1. Power 2. 4G/3G/2G/WAN Internet 3. Wi-Fi Switch 4. Message 5. Battery MiFi will enter low consumption mode indicate with Power LED flashing & other LEDs off after unused for 1 minute, please press POWER KEY to wake device up before using.
KEY	POWER On/Off WPS RESET
Ethernet LAN	1* Megabit RJ45 LAN Port 10/100 auto-sensing, it can be set to WAN
SIM	Micro SIM, Support 1.8v & 3.3v
MicroSD Card	1 SD Card Slot Maximum 32GB
Power Consumption	< 12W
Power Supply	AC100V~240V, 50Hz~60Hz DC 5V/1A.
Battery	LI-battery 3.7V/2000mAh
Battery Passthrough	MiFi will be powered by adapter while battery is not connected. It will be powered by battery only if power adapter is not connected. If both of battery and adapter are connected, MiFi will be powered by adapter. It is helpful to protect battery.
Dimensions	105x60x18.5(mm)
Weight	300g

Environment Specifications

Feature	Capability
Operating Temperature	0°C~40°C
Storage Temperature	-20°C~70°C
Operating humidity	95% Maxton-condensing
Storage humidity	95% Maxton-condensing

RF Specifications

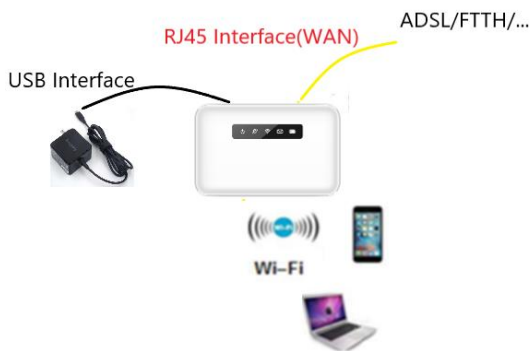| Feature	Capability
Supported LTE Bands	TDD: 38/39/40/41 FDD: 1/2/3/4/5/7/8/17/20/28
LTE MIMO	MIMO 2*2(1TX 2RX)
LTE Tx	1 Tx
LTE Output Power@25℃	23±2 dBm
LTE Antenna	2 Built-in Antennas
LTE Antenna Gain	2-3 dBi
LTE Peak Throughput	DL 150 Mbps UL 50 Mbps
Wi-Fi Frequency	2.4 GHz
Wi-Fi Output Power	15 dBm/2.4G
Wi-Fi Antenna	2 Build-in Antennas
Wi-Fi Antenna Gain	2-3 dBi
Wi-Fi Channel BW	20MHz, 40MHz
Wi-Fi MIMO	MIMO 2*2 (2TX 2RX)
Wi-Fi Concurrent Users	32

If the LTE antenna supports all frequency, the antenna gain will be lower than the value in table.

Topology

1. Topology based on LTE WAN network

2. Topology based on RJ45 WAN network

Software Specifications

Spec	Description
Language	English
	Chinese
	Could be customized
Https/http	Both
User login	Support two users (admin user and normal user) and different limitation and display
SIM Card	PIN Management
	SIM card Authentication
Backup/ Restore	Encryption backup current settings and restore the backup settings
Diagnosis	Export current diagnosis results and operation logs

Statistics	Link Status (LAN)
	Transmit / receive traffic in packets
	Up Time
Multi-APN	3
VPN	PPTP/L2TP/GRE
IPV6	IPv6/IPv4 dual stack
4G status	Signal strength
	Network type
	Network connection status
	Operator name, system mode
	SIM card status
Cell lock	Support
Carrier SIM Lock	Support
Work mode	NAT/Router mode

Device Management

Spec	Description
Software Update	Full image upgrade Web UI update TR069 update Update strategy
TR069	HTTP/HTTPS, Supports upload / download the ACS specified file, Support download configuration file, Support configure & queries parameters, Support remote upgrade, Support MiFi version update, Supports debugging operations, Support cycle monitor
Syslog	Support the syslog function can send the log to the PC via LAN
Diagnostics	Support the Ping and trace route and tcpdump

NAT Mode

Spec	Description
NAT	Support NAT by default
Firewall	Can enable or disable the firewall
Router protocol	Static Route
ALG	Support

Firewall Features

Functions
Allow Ping from WAN
Allow HTTPs login from WAN
HTTPs Login Port from WAN
DMZ IP Address
Redirect ICMP to the Host
Support the IP filter
Support the MAC Filter
Support the URL Filter
Support UPnP
Support the Port forwarding

Wi-Fi Features

Functions
Users can turn on/off WLAN function through Web UI.
Support configuration WLAN functions through Web UI, include: SSID, SSID broadcasting turn on/off, AP Isolate function, Channel, rate and mode
Support encryption: Un-encrypted, WEP-OPEN, WEP-SHARED, WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP), WPA2-PSK (AES)
Support WPS
Wi-Fi protocol support: IEEE 802.11 b/g/n (2.401 – 2.483 GHz)
Wi-Fi max. users: 32
Support SSID broadcasting
Support multi SSID
Support Wi-Fi channel self-adapt and select
Support guest network