

TD/LTE Modem Router Wireless 300N

ST-LW510



1200Mbps Indoor CPE

1200M high Wi-Fi speed to enjoy Uninterrupted HD movies rapid file Downloads, and smooth video chats



1 RJ45 Port, LAN

RJ45X1,10/100/1000M auto-sensing, LAN



Support IPV4 IPV6

Compatible with IPV4 and IPV6 (Internet Protocol version 4/6)



2 External Antennas

2 External Antennas to keep strong signal receiving,workstable and reliable



Support VPN,VOLTE,VOIP

Multifunctional functions for professional settings



4G to Wi-Fi, 4G to LAN

Insert 4G SIM card, then you can transmit the 3G/4G signal to LAN and WIFI signal



DL 300Mbps, UL 50Mbps

Upload 300Mbps, and Download 50Mbps for Fast internet surfing



Support TR069 Protocol

Support TR069 to control the terminal remotely



SSID Broadcast and Hide WiFi

Easy to set broadcast SSID or Hide SSID



MaximunAccess 64 Devices

You can connect up to 64 users or terminals At the same time

Products Features :

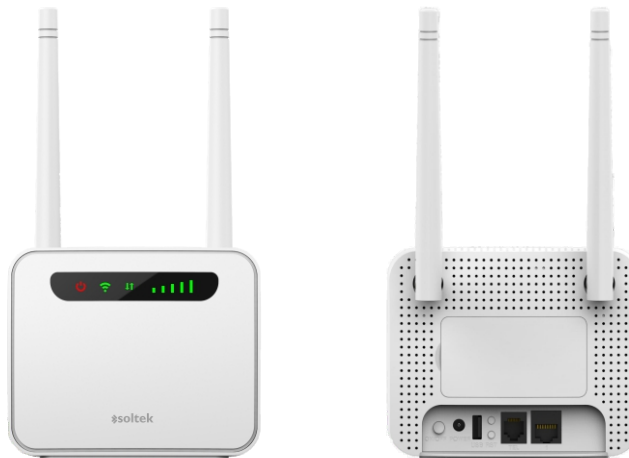
- Support TDD-LTE, FDD-LTE
- Support dual SIM cards
- Support 3GPP Release 9 compliant
- Support 1TX/2RX
- Support UE Category 4
- Supports QoS service flow initiated by CPE
- Supports Dynamic Host Configuration Protocol
- Backup battery support (power off enabled)
- Built-in web server for web-based configuration
- Password protected access and configuration
- Supports IEEE 802.3, IEEE 802.3u
- USIM Slot
- Support 2.4GHz Wi-Fi6

Technical Specification :

Hardware Specifications			
General	Main chip	ASR1828 1.5GHz Cortex-A7	
	USIM Slot	1.8V/3.0V USIM	
	Storage	128MB LPDDR2 + 1Gb Nand Flash	
	Supported Operating Systems	Linux/Android/Windows	
	Power level		Class 3 (23.5dBm ± 2dB) for WCDMA bands
			Class 3 (23dBm ± 2dB) for LTE bands
	wifi	802.11 b/g/n/ac 2.4G+5.8G (1200Mbps)	
	Network port type	RJ45 x 1, LAN 10/100/1000 auto-sensing	
	Voice chip	SI32185	
	The power adapter	DC Power 12V/1A	
SIM slot	1.8v/3.3V USIM		
WiFi	Standard	IEEE 802.11 b/g/n/ac	
	Channel Bandwidth	20MHz,40MHz,80MHz	
	TXRX	2T2R	
	MIMO	DL 2 x 2 MIMO	
	Rate		802.11b:11Mbps
			802.11g:54Mbps
			802.11n:300Mbps
			802.11ac:866Mbps
Modulation	DSSS/CCK,OFDM		
Antenna Type	External Antenna		
Active User	64		
Antenna Gain	1.5~2dBi		
RF Parameters	item	ST-LW510	
	WCDMA	Band 1/5/8	
	FDD-LTE	Band 1/3/5/7/8/20/28/32	
	TDD-LTE	Band 38/40/41/42/43	
	WCDMA		Downlink peak rate 42Mbps
			Uplink peak rate 5.76Mbps
	LTE-TDD		Downlink peak rate 300Mbps
			Uplink peak rate 50Mbps
WCDMA		Downlink peak rate 220Mbps	
		Uplink peak rate 30Mbps	
LTE		Support 3GPP R9/DC-HSDPA/HSPA+/ HSDPA/HSUPA/WCDMA	
		Support 3GPP R12 Support max 2DLCA Support Downlink 64QAM ,16QAM ,QPSK Support Uplink 16QAM,QPSK Support RF bandwidth 1.4MHz~20MHz	

Software Specifications

Software	Language Support	Default English, other languages can be customized upon request
	IP Protocol	IPv4/IPv6
	SIM Management	PIN Management, SIM Lock
	Network Connection Management	Auto/Manual
	LTE Scan Mode	Full band scan, Frequency Lock
	WLAN	Configuration, WPS
	VPN	L2TP, PPTP
	NAT	Port forwarding DMZ
	Firewall	IP/MAC/URL Filter Access Control TCP port scan Death of Ping
	Network Management	TRO69
	Statistics	LTE Status Connection Status System Up Device Status DHCP Client List WIFI Status Firewall Status
	Maintenance	Date & Time setting Restore factory settings Restore / Back up configuration file Firmware upgrade locally/OTA (over the air)



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