

4G INDOOR WiFi Router

ST-LW420N



Product Overview

Soltek ST-LW420N 4G LTE CPE is a high-performance wireless communication product developed by Soltek, based on 4G network requirements. It provides a stable 300Mbps 2.4G wireless WiFi network, built-in 4G module, supports high-speed 4G Internet access including 10 / 100M adaptive Ethernet interface, SIM interfaces, and DC interfaces, to meet various application needs.

Features:

- Support 4G network connection (FDD LTE, WCDMA, GSM CAT4)
- Supports multiple WANs for flexibility, redundancy, and future connectivity
- LTE uplink: up to 50Mbps LTE downlink: up to 150Mbps
- Built-in battery, no fear of power failure, internet access anytime, anywhere
- USB 3.0 port to share media from a storage device and Charging Port as well
- TR069 support for simple remote management
- Multi Language User Friendly Interface

Technical Specifications

Item	Description	
Device Information	Form Factor	CPE
	Dimension	166.0*120.2*40.2mm
	Weight	About 300g
	Color	White/Black(White Default, Black to be customized)
	Technical Standard	Compatible with WCDMA, FDD-LTE, TDD-LTE Default 802.11b/g/n
	Frequency	Combination1:LTE:B1/3/5/7/8/20/28a/38/40/41 WCDMA:B1/5/8 Combination2:B1/2/4/5/7/8/(12)17/40 WCDMA: B1/2/4 (To be customized)
	WIFI	2.4G, WIFI 2*2 MIMO, 802.11 b/g/n
	Maximum Data Throughput	LTE CAT 4 FDD-LTE(DL/UL) 150Mbps/50Mbps HSPA+ (DL/UL) 21/5.76Mbps
Hardware	Receive Diversity	Support
	MIMO	Support 2x2 MIMO
	BB Chipset	ZX297520V3
	WiFi Chipset	RTL8192ES
	WiFi Users	16
	power consumption	<10W
	Power Voltage	DC12V/1A
	USIM/SIM	3FF SIM card
	LED	Power/Battery, Network, Signal Strength, WIFI
	Antenna	2*WIFI; 2*LTE
	Buttons	Power,Reset,WPS,WIFI
	Ethernet	1*RJ45, 10BaseT/100Base/ automatic adaptive port
	RJ11	RJ11*1(Optional)
	ESD	Contact±8KV、Air±10KV
	Battery	optional 2400mAh

Technical Specifications

Item	Description	
Software	SW Update	TR069 & FOTA(customized) & Local
	WIFI Mode	AP/STATION mode
	WIFI Security	OPEN & WPA-PSK & WPA2-PSK
	USSD	YES
	SMS & Phone Book	YES
	UPnP	Need customize
	Voice	VoLTE & CS Domain voice
	Band Locking	Support
	IMEI modification	Support
	IPV4	SUPPORT IPV4
	IPV6	SUPPORT IPV6
	Firewall	Mac/IP address filter, Port forwarding, WiFi Black/White list
	Data Statistics	Support
	VPN Pass Through	N/A
	SIM Lock	Support
	HTTP	Support
	DMZ	Support

