WI-LTE300
4G LTE Wireless Router
Datasheet

Highlights

- 4G transform to Wi-Fi and wired network

- Build in 3G/4G SIM card slot, support LTE-TDD/LTE-FDD, WCDMA/CDMA and GSM networking. Then band adjustable, can comply with all operator in the world.

- High RF power design, with omni 2.4G/4G antenna, more wireless coverage, better signal strength and more stable performance.

- Support Multiple Internet Connect: 2G 3G, 4G, PPPOE, APN

- Support 30users+ for Wi-Fi access

- Provides wired Ethernet, and 3G/4G wireless WAN connectivity to keep you and your business up and running

Description

Wi-Tek's WI-LTE300 4G router enables easy-to-install wireless connectivity in small business or remote office locations. Ideal for small business, home, offices and mobile networks; the 4G router provides wired Ethernet, and 3G/4G wireless WAN connectivity to keep you and your business up and running. is widely used in various fields of communication:

◆ Wireless Video Surveillance

◆ Enterprise wireless LAN interconnection

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◆ Mobile operators WISP large customer access system
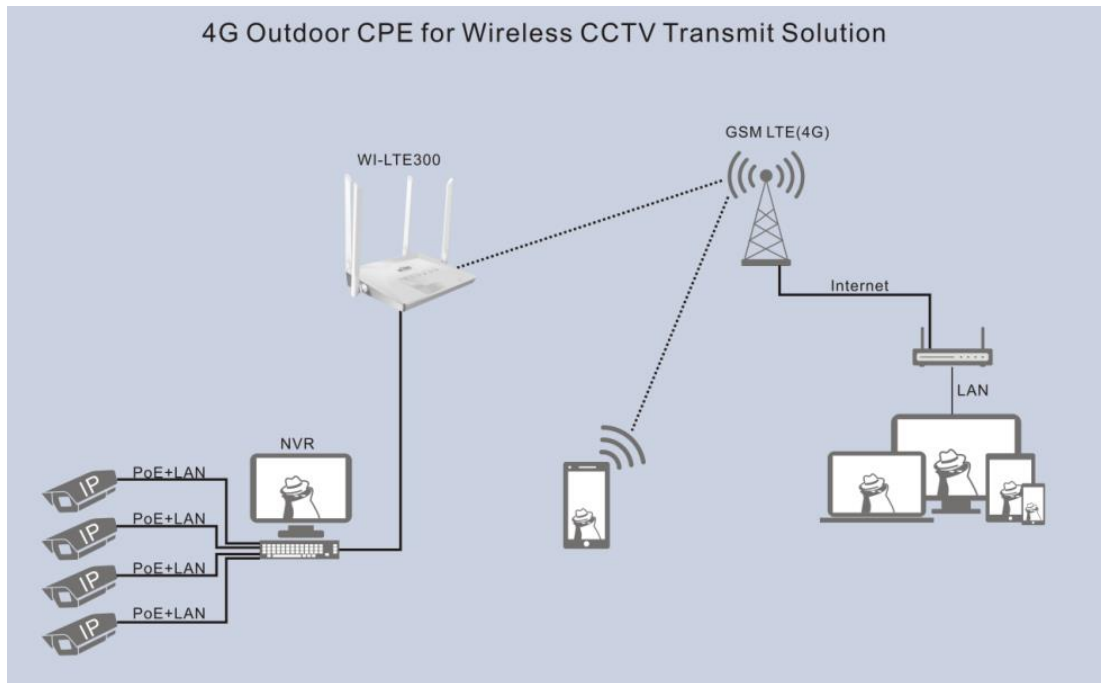
◆ Wi-Fi Wireless city coverage

Typical Applications

Office Network

Home Network

Vacation Network

4G Outdoor CPE for Wireless CCTV Transmit Solution

Specifications

HARDWARE FEATURES	
Processor	MTK MT7628KN
Memory	8MB SDRAM 2MB Flash
LTE/3G/2G Bands	Europe Version: LTE-FDD: B1/B3/B5/B7/B8/B20 WCDMA:B1/B5/B8 LTE-TDD: B40 GSM: 850/900/1800/1900 Asia Version: LTE-FDD: B1/B3/B5/B8/B28 WCDMA: B1/ B8 LTE-TDD: B38/B39/B40/B41 TD-SCDMA: B34/B39 EVDO&CDMA: BC0 GSM:850/900/1800/1900 America Version:

	LTE-FDD: B2B4/B5/B12/B13/B17/B25/B26 WCDMA: B2/B4/B5 LTE-TDD: B41 EVDO&CDMA: BC0/BC1 GSM:850/1900
LTE Category	4 (150Mbps Downlink, 50Mbps Uplink)
Wi-Fi Standard	802.11b/g/n 2T2R 300Mbps
Interface	3X10/100BASE-TX Ethernet Interface (1WAN+2LAN) 1 SIM Card slot 1 DC Input (Supports 12V 1A)
Button	Reset
Power Supply	12V 1A Power Adapter Include
Power Consumption	6W
Dimensions (H x W x D)	185x145x32mm
Antenna Type	5dbi 4G Antenna 5dbi 2.4G WIFI antenna
Protection	6KV Lightning Protection
Enclosure	Indoor UV Stabilized Plastic

WIRELESS FEATURES	
Wireless Standards	802.11b/g/n
Protocol	CSMA/CA,TCP/IP,IPX/SPX, NetBEUI, DHCP
Wireless Mode	Router, AP Mode
Wireless Speeds	11a:54M,48M,36M,24M,18M,12M ,9M,6Mbps 11n:6.5M, 13M, 13.5M, 19.5M, 26M, 27M, 39M, 40.5M, 52M, 54M, 58.5M, 65M, 81M, 108M, 121.5M, 135M, 150M, 270M, 300Mbps
Wi-Fi Frequency	2.4GHz – 2.484GHz
Transmission Power	20dBm(100mW)

SOFTWARE FEATURES	
Wireless Configurations	802.11a/n Modes Selectable Channel Width: 20/40MHz Automatic Channel Selection Transmission Power Control Dynamic Frequency Selection (DFS) WDS Enable/Disable Security: WPA/WPA2, WPA-PSK/WPA2-PSK (AES/TKIP) Encryption, 64/128/152-bit WEP Encryption SSID Broadcast Enable/Disable Distance/ACK Timeout Setting Wireless MAC Address Filter Wireless Advanced: > Beacon Interval/RTS Threshold/Fragmentation >Threshold/DTIM Interval/AP Isolation/Short GI/Wi-Fi Multimedia
Management	WEP management SSH Telnet Serial
System-level Optimizations	Optimized IGMP Snooping/Proxy for multicast applications Hardware watch dog

OTHERS	
Certification	CE

OTHERS	
Package Contents	1*4G Router 1*Power Adapter 1* QIG included
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 10, Windows 8, Windows 7, MAC OS, NetWare, UNIX or Linux. Note: We recommend you to use one of following Web browsers for an improved user experience: Google Chrome, Safari, and Firefox. IE browsers are not recommended.
Environment	Working Temp: 0~ 45℃ Storage Temp: -20 ~70℃ Working Humidity: 10%~95% non-condensing

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