



# WI-LTE300 4G LTE Wireless Router Datasheet

## Highlights

- 4G transform to Wi-Fi(2.4G 300Mbps) 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, Wi-Fi Coverage 100meters
- 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

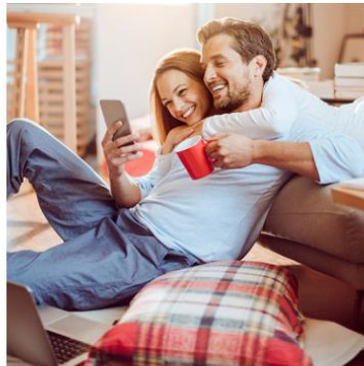
◆ Mobile operators WISP large customer access system

◆ Wi-Fi Wireless city coverage

## Typical Applications



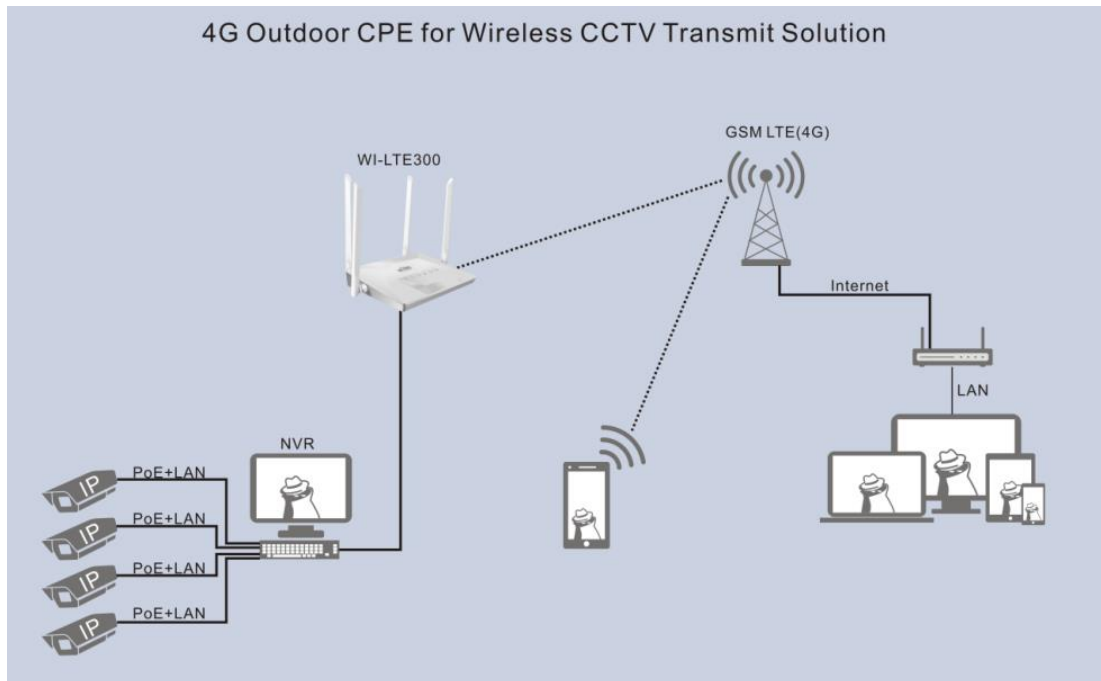
Office Network



Home Network



Vacation Network



**Specifications**

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

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

<b>WIRELESS FEATURES</b>	
<b>Wireless Standards</b>	802.11b/g/n
<b>Protocol</b>	CSMA/CA,TCP/IP,IPX/SPX, NetBEUI, DHCP
<b>Wireless Mode</b>	Router, AP Mode
<b>Wireless Speeds</b>	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
<b>Wi-Fi Frequency</b>	2.4GHz – 2.484GHz
<b>Transmission Power</b>	20dBm(100mW)

<b>SOFTWARE FEATURES</b>	
<b>Wireless Configurations</b>	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
<b>Management</b>	WEP management SSH Telnet Serial
<b>System-level Optimizations</b>	Optimized IGMP Snooping/Proxy for multicast applications Hardware watch dog

<b>OTHERS</b>	
<b>Certification</b>	CE

<b>OTHERS</b>	
<b>Package Contents</b>	<p>1*4G Router</p> <p>1*Power Adapter</p> <p>1* QIG included</p>
<b>System Requirements</b>	<p>Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 10, Windows 8, Windows 7, MAC OS, NetWare, UNIX or Linux.</p> <p>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.</p>
<b>Environment</b>	<p>Working Temp: 0~ 45°C Storage Temp: -20 ~70°C Working Humidity: 10%~95% non-condensing</p>