



# WI-LTE117-O

## 4G LTE Outdoor PoE Router

### Datasheet

## Highlights

- 4G transform to 100Mbps LAN 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.
- Support DC 48-52V 1A max input, then 2\* 802.3af/at PoE Ports output 48V for power up Camera
- Support config 4G Router by 2.4G Wireless
- 10KV Lightning Protection
- Plug and Play for simple installation
- Support WAN/LTE access backup, once WAN access disconnect, quickly move to LTE 4G access seamless
- Support SD-LAN for visit camera remotely
- Support Wi-Tek Cloud platform managed



## Description

Wi-Tek's WI-LTE117-O is an 4G LTE TDD+FDD and IEEE 802.11b/g/n standard high power outdoor LTE Router, widely be used in outside to convert 3G/4G data to high-speed LAN port, to meet with their wired connection for camera and wireless AP, entertainment or business request.. 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

## Specifications

<b>HARDWARE FEATURES</b>	
<b>Processor</b>	MTK MT7628
<b>Memory</b>	64MB SDRAM 16MB Flash
<b>LTE/3G/2G Bands</b>	<p><b>Europe Version:</b>            LTE-FDD: B1/B3/B5/B7/B8/B20            WCDMA: B1/B5/B8            LTE-TDD: B40            GSM: 850/900/1800/1900</p> <p><b>Asia Version:</b>            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><b>America Version:</b>            LTE-FDD:            B2/B4/B5/B12/B13/B17/B25/B26            WCDMA: B2/B4/B5            LTE-TDD: B41</p>

	EVDO&CDMA: BC0/BC1 GSM:850/1900
<b>LTE Category</b>	4 (150Mbps Downlink, 50Mbps Uplink)
<b>Wi-Fi Standard</b>	802.11b/g/n 2T2R 300Mbps(only use for config 4G router)
<b>Interface</b>	2X10/100BASE-TX Ethernet Interface 1 SIM Card slot 1 DC Input 48-52V 1A max
<b>Button</b>	Reset
<b>Power Consumption</b>	5W ( without PoE )
<b>Dimensions ( H x W x D )</b>	152x78x35mm
<b>Antenna Type</b>	5dbi External 4G Antenna 3dbi Internal 2.4G WIFI antenna
<b>Protection</b>	10KV Lightning Protection
<b>Enclosure</b>	Outdoor UV Stabilized Plastic IP65 waterproof Certification

<b>WIRELESS FEATURES</b>	
<b>Wireless Standards</b>	802.11b/g/n
<b>Protocol</b>	CSMA/CA,TCP/IP,IPX/SPX,

<b>WIRELESS FEATURES</b>	
	NetBEUI, DHCP
<b>Wireless Mode</b>	Router
<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>
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<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>	WEB management
<b>System-level Optimizations</b>	Optimized IGMP Snooping/Proxy for multicast applications Hardware watch dog

<b>OTHERS</b>	
<b>Certification</b>	CE
<b>Package Contents</b>	1*4G PoE Router 2* 5dbi 4G antenna included

<b>OTHERS</b>	
<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: -40 ~ 70°C Storage Temp: -40 ~85°C Working Humidity: 10%~95% non-condensing</p>



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