



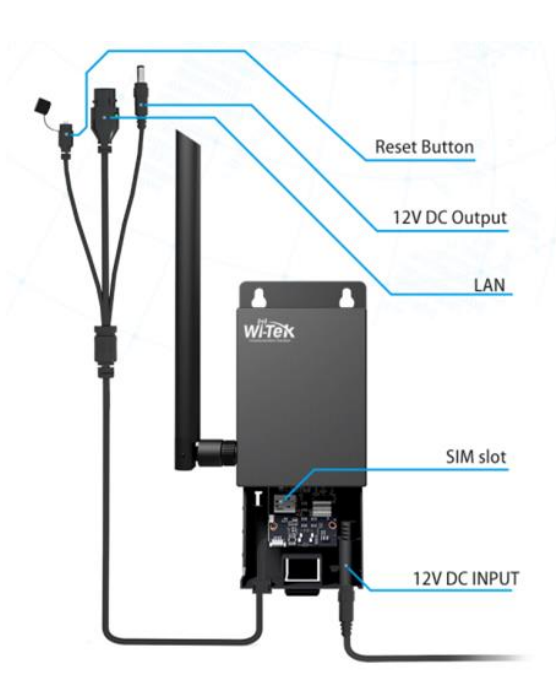
WI-LTE115-O

4G LTE Outdoor 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 12V 2A max input, then DC 12V 1.5A Max output for power up Camera
- Support config 4G Router by 2.4G Wireless
- 10KV Lightning Protection
- Plug and Play for simple installation



Description

Wi-Tek's WI-LTE115-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:

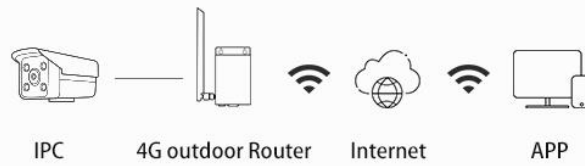
- ◆ Wireless Video Surveillance
- ◆ Enterprise wireless LAN interconnection
- ◆ Mobile operators WISP large customer access system
- ◆ Wi-Fi Wireless city coverage

Typical Applications

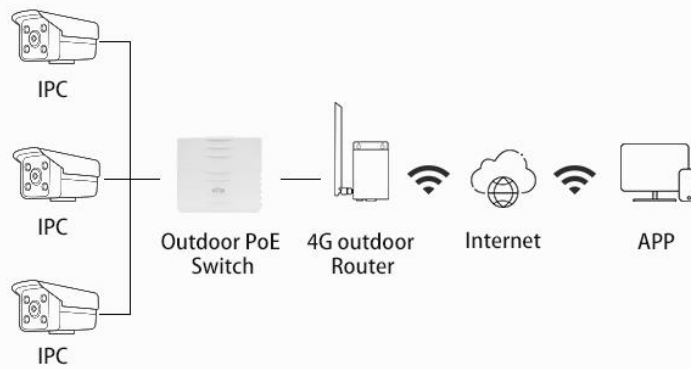


Application Topological Graph

1. 1 pcs IP camera



2. more than 1 pcs IP camera



Specifications

HARDWARE FEATURES	
Processor	MTK MT7628
Memory	64MB SDRAM 16MB Flash
LTE/3G/2G Bands	<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&CDMA: BC0 GSM: 850/900/1800/1900</p> <p>America Version: LTE-FDD: B2/B4/B5/B12/B13/B17/B25/B26 WCDMA: B2/B4/B5 LTE-TDD: B41 EVDO&CDMA: BC0/BC1 GSM: 850/1900</p>
LTE Category	4 (150Mbps Downlink, 50Mbps Uplink)
Wi-Fi Standard	802.11b/g/n 2T2R 300Mbps(only use for config 4G router)
Interface	1X10/100BASE-TX Ethernet Interface 1 SIM Card slot 1 DC Input 12V 2A max 1 DC Output 12V 1.5A max
Button	Reset

Power Supply	12V 1.5A Power Adapter Include
Power Consumption	5W
Dimensions (H x W x D)	115x70x33mm
Antenna Type	5dbi External 4G Antenna 3dbi Internal 2.4G WIFI antenna
Protection	10KV Lightning Protection
Enclosure	Outdoor UV Stabilized Plastic IP65 waterproof Certification

WIRELESS FEATURES	
Wireless Standards	802.11b/g/n
Protocol	CSMA/CA,TCP/IP,IPX/SPX, NetBEUI, DHCP
Wireless Mode	Router
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

WIRELESS FEATURES	
Wi-Fi Frequency	2.4GHz – 2.484GHz
Transmission Power	20dBm(100mW)

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

OTHERS	
Certification	CE
Package Contents	1*4G Router 1*Power Adapter 1* 5dbi 4G antenna 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: -40 ~ 70°C Storage Temp: -40 ~85°C Working Humidity: 10%~95% non-condensing