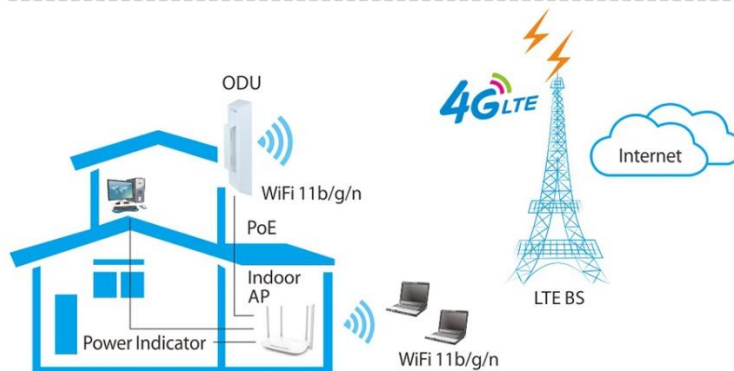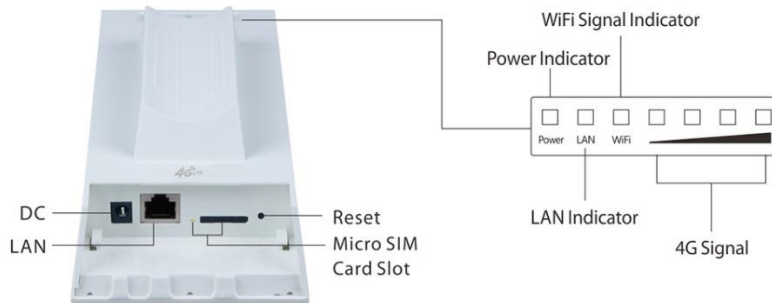# WI-LTE110-O
4G LTE Outdoor CPE
Datasheet

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.

- It support VPN(L2TP, PPTP, auto VPN), meet with industrial applications such as chain stores, ATM..

- Support Power over Ethernet, 24V passive PoE, can work in the place even no power supply, simple to install it.

- Support 50users+ for Wi-Fi access
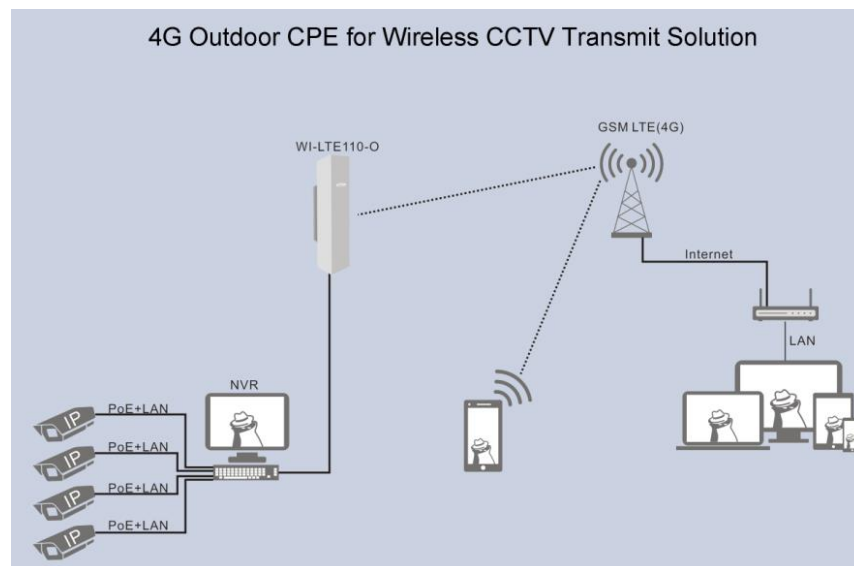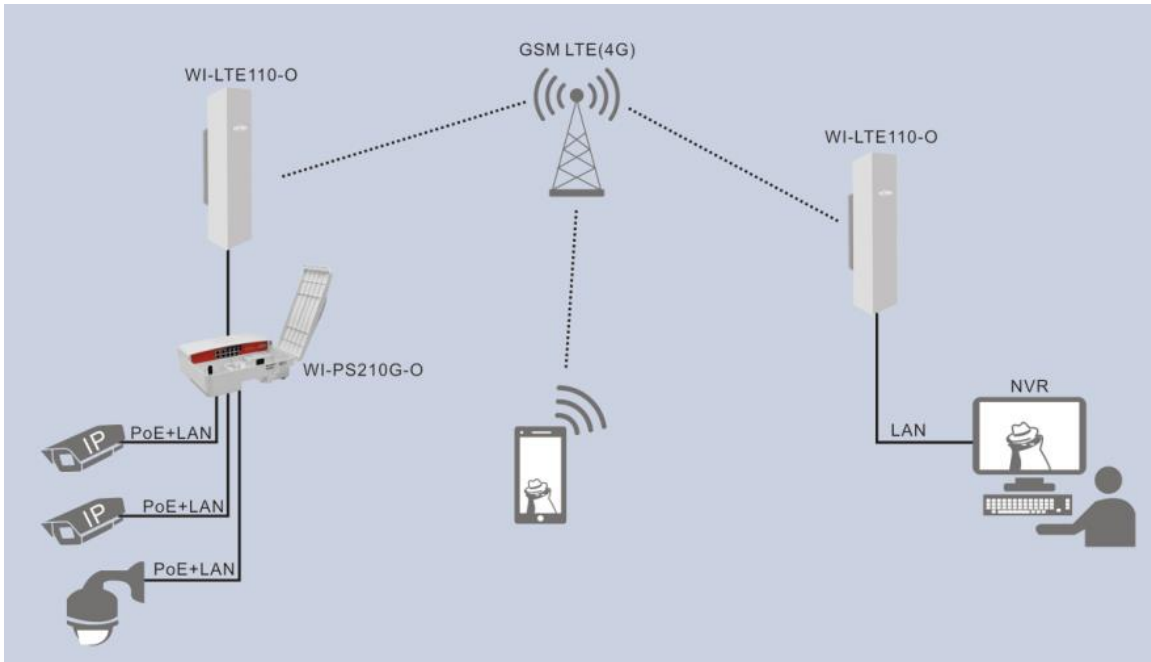
- 10KV Lightning Protection

Description

Wi-Tek's WI-LTE110-O is an IEEE 802.11b/g/n standard high power outdoor LTE CPE for LTE base station, widely be used in outside to convert 3G/4G data to high-speed, safe and reliable Wi-Fi signal for end users, to meet with their wireless connection for information, 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

4G Outdoor CPE for Wireless CCTV Transmit Solution

4G Transform WiFi for Business Zone

4G Transform WiFi for Home Internet

Specifications

HARDWARE FEATURES	
Processor	MTK MT7628
Memory	128MB SDRAM 16MB 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	1X10/100BASE-TX Ethernet Interface (Support PoE IN 24V) 1 SIM Card slot 1 DC Input (Supports 9-30V)
Button	Reset
Power Supply	24V Passive PoE Adapter Include
Power Consumption	8W
Dimensions (H x W x D)	260x100x37mm
Antenna Type	5dbi 4G Antenna 5dbi 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
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 CPE 1*PoE Adapter 1* Pole Mounting Kit 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℃ Storage Temp: -40 ~85℃ Working Humidity: 10%~95% non-condensing