

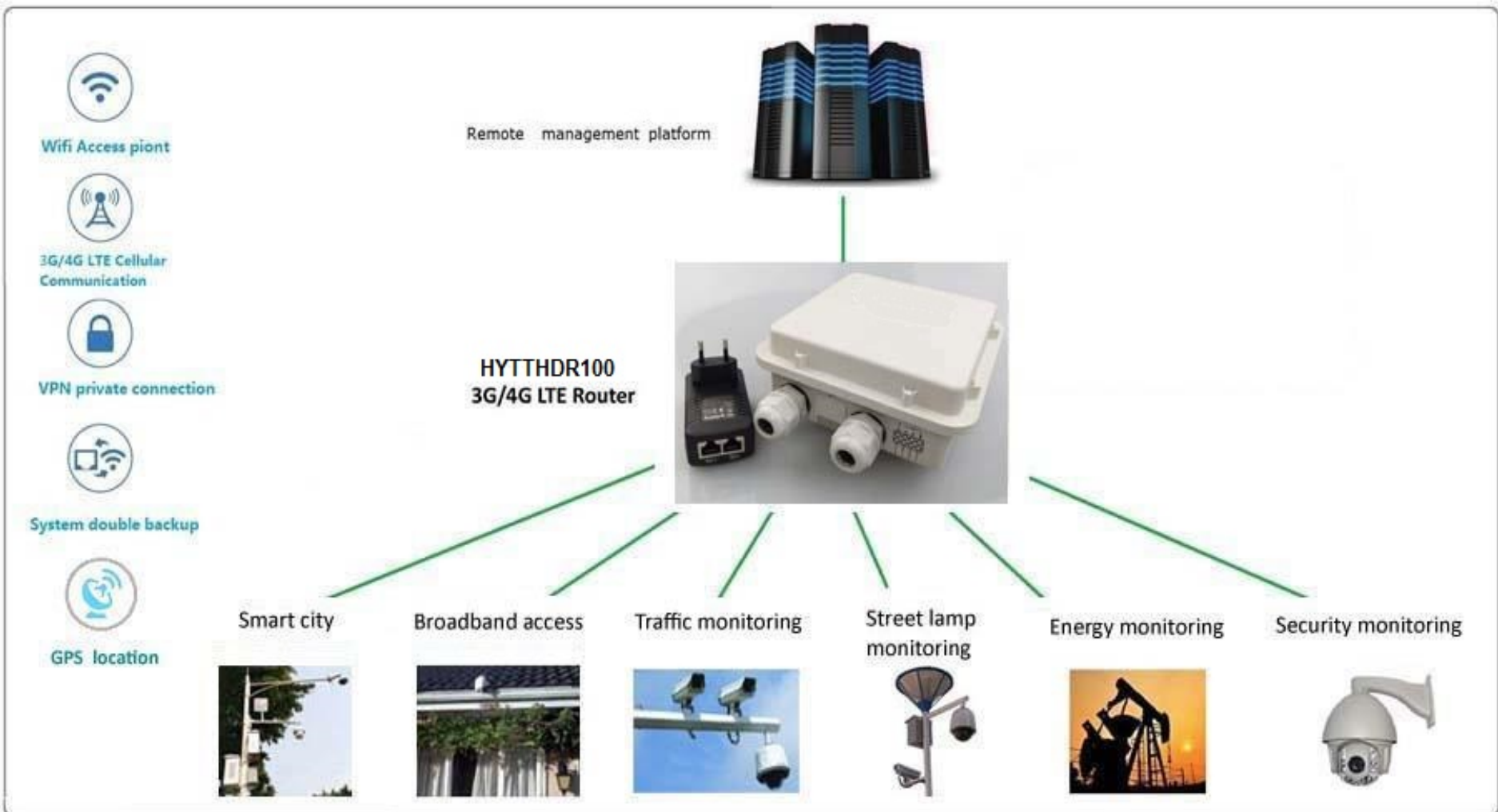
HYTTHDR100 L2 Series 4G LTE outdoor Router (V 1.06)

- 3G/4G LTE data transmission;
- Active auto connect;
- Embedded watchdog , Auto recovery;
- 2*2 4G/WIFI MIMO antenna;
- 4G LTE antenna gain: >10DBi
- Integrate 3G/4G LTE,WIFI,GPS feature;
- 2 LAN ports;
- POE power supply (+12V~+48V), Supported POE output via LAN 2 port(Optional);
- With SIM card slot;
- Remote management platform;
- Firmware version: **Openwrt**;
- Waterproof,dustproof,lightning protection.
Protection level, IP67



Shenzhen HongYu Telecom Tech Co. LTD

Application scenarios



Product Specification

Item	Product specification
Chipset	MTK7620N+4G Modem (CAT 3, MDM9X15. CAT 4 MDM9X07, CAT 6, MDM9330)
MEMORY	FLASH 16MByte, DDR2 64MByte
Embedded system	Openwrt
Network	FDD LTE,TDD LTE,WCDMA,EVDO,GPRS,GSM,CDMA 1X
WIFI	WIFI 802.11 b/g/n, 300Mbps
Data rate	4g: CAT 3, DL 100bps , UL 50Mbps (or CAT 4 DL 150Mbps , UL 50Mbps, CAT 6 DL 300Mbps , UL 50Mbps) WCDMA HSPA+: DL 42Mbps, UL 5.76Mbps GPRS DL/UL 85.6Kbps
WIFI Tx Power	14 dBm (11g) , 17 dBm (11b) , 14dBm (11n)
WIFI Rx Sensitivity	<-70 dBm@54Mbps
2G/3G/4G Transmitting Power	GSM/GPRS: Class 4 (2W): GSM850、EGSM900 Class 1 (1W): DCS1800、PCS1900 EDGE: Class E2 (0.5W): GSM850、EGSM900 Class E1 (0.4W): DCS1800、PCS1900 UMTS: Class 3 (0.25W): WCDMA Class 3 (0.25W): CDMA2000 Class 2 (0.25W): TD-SCDMA LTE: Class 3 (0.25W)
GPS	GPS/GLONASS,Protocol: NMEA
WIFI Frequency	2.4G

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Product Specification

Item	Product specification
2G/3G/4G Frequency bands	<p>Version C LTE-FDD. B1,3,7,8 LTE-TDD.B38,39,40,41 WCDMA.900/2100MHz TDSCDMA. band A and band B GSM.900/1800MHz</p> <p>Version CE. LTE-FDD. B1,B3,B8 LTE-TDD.B38,B39,B40,B41 WCDMA.900/2100MHz CDMA 1X/EVDO BC0 TDSCDMA. B34,B39 GSM.900/1800MHz</p> <p>Version E. LTE-FDD. B1,3,7,8,20 LTE-TDD.B38,40 WCDMA.900/2100MHz GSM.900/1800MHz</p> <p>Version A. LTE-FDD. B2,4,5,17 WCDMA.850/1900MHz</p> <p>Version SA. LTE-FDD. B1/B3/B5/B7/B8/B28 UMTS/HSDPA/HSPA+ B1/B5</p> <p>Version JC LTE FDD. B1,B3,B8,B18,B19 LTE TDD. B41 UMTS. B1,B6,B8 GSM. 900/1800MHz</p> <p>Version JE LTE FDD. B1,B8 UMTS. B1,B8 GSM. 900/1800MHz</p>

Product Specification

Item	Product specification
2G/3G/4G Frequency bands	<p>CAT 6 Version. Version E LTE-FDD. B1,B3,B5,B7,B8,B20,B28,B32 LTE-TDD.B38,B40,B41 WCDMA.B1,B3,B5,B8</p> <p>Version A. LTE-FDD. B2,B4,B5,B12,B13,B25,B26,B29,B30,B66 LTE-TDD. B41 2*CA. B2+B2/B5/B7/B12/B13/B25/B26/B29; B4+B4/B5/B12/B13/B26/B29 B7+B5/B7/B12/B13/B26/B29 B25+B5/B12/B13/B25/B26/B29 B30+B5/B12/B13/B26/B29 B66+B5/B12/B13/B26/B29/B66 WCDMA B2/B4/B5</p> <p>Version LA. LTE-FDD. B2/B3/B4/B5/B7/B8/B20/B28 LTE-TDD.B38,B39,B40,B41 2*CA. B1+B3/B8/B18/B19 B3+B5/B19 B7+B5/B7 B21+B19 B38+B38 B39+B39 B39+B41 B40+B40 B41+B41 WCDMA B1/B5/B6/B8/B9/B19</p>

Product Specification

Item	Product specification
Hardware interface	2*LAN 10/100Mbps
POE Output	Support second LAN port POE power supply output(Optional) , Same as input power load capacity. It can be select switch on/off on web UI.
RF	Built-in WIFI, 4G LTE, GPS antenna
Security Encryption	Support WEP、 WPA、 WPA2 encryption ways
Protocol	PPTP,L2TP,IPSEC VPN,TCP,UDP, DHCP,HTTP,DDNS,TR-069,GRE, HTTPS, SSH, Open VPN,SNMP
LED Indicator	“SYS”, “Net”, “WAN”, “LAN”,RSSI
SIM/UIM	Standard draw card interface, support 1.8V/3V SIM/UIM card, built-in ESD protection
Key button	Reset
Standard Power	POE input: DC 18V/1A
Power Supply	POE input: DC 5~48V
Working current	2A (Max Current)
Temperature	Operating Temperature -40~+80°C Storage Temperature -45~+85°C
Environment humidty	95%
Case	Waterproof plastic shell, IP67
Size	172mm*165mm*90mm
Weight	554g