



LTE7480-M804

4G LTE-A Outdoor Router

The ZyXel 4G LTE-A outdoor router (LTE7480-M804) is a great solution for any location including suburban areas, high traffic transportation spots, public spaces, or any other place without access to a stable wired network. Liberate yourself from cabled installation. Enable network capability in harsh environments with its outdoor-friendly design. Perfect for delivering easy and fast internet to homes and offices.

Benefits

Save time and money

Liberate yourself from cabled installation with 4G wireless technology. It is an ideal solution for any location with poor wired connection options. It supports multiple bands that can be used in over 100 countries. Save time and money, it is an absolute bargain!

Impeccable performance

Enjoy the best-practice Cat.12 4G LTE-A technology with up to 600 Mbps data rates. Get up to 8 dBi for stronger and better signal performance with its built-in 4x4 MIMO high-gain directional antenna. Integrates high speed and strong signal from long-range transmission.



4G LTE-A Cat.12 with up to 600 Mbps data rates



Built-in 4x4 MIMO high-gain directional antenna of up to 8 dBi



Embedded bridge and router mode



IP68 outdoor-friendly design



Wall and pole mounting options



Standard 802.3af/at PoE



Free app to find the best installation spot



Remote management

Non-stop connectivity

Flexible routing modes with both bridge and router functions. No matter if you already have a router or not, the LTE7480-M804 can be easily deployed and integrated into your existing environment. Set LTE as your main connection or use LTE as a backup when the performance of your main connection drops.



Created for any environments

LTE7480-M804 was created with IP68 for strong water and dust-proof ability, as well as multi-band embedded directional antennas of up to 8 dBi that guarantees high-quality connections and a longer device life despite weather and natural adversaries' condition. The outdoor-friendly design makes it possible to work in harsh environment and near non-line-of-sight conditions where desirable signal strength is difficult to achieve.

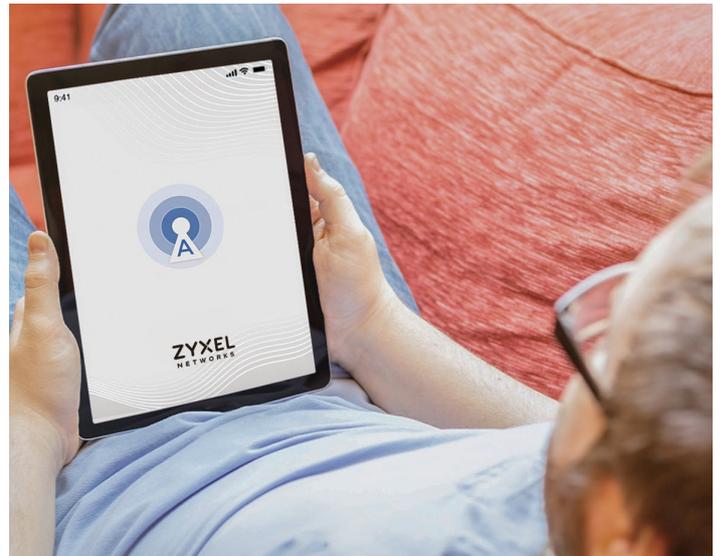
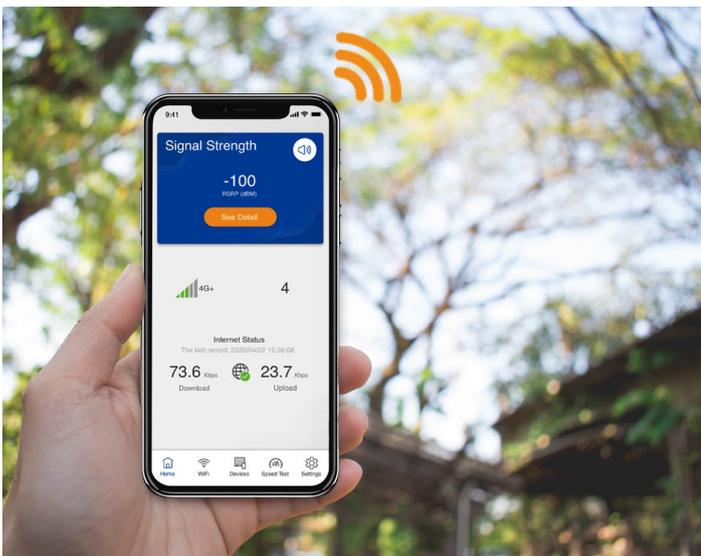


Effortless installation

Simply insert a micro SIM card, turn on the router, and then use a smartphone or tablet to connect the LTE7480-M804's WiFi network and follow its configuration instruction on the free "Zyxel Air" app to find the best signal spot for installation. Comes with flexible wall and pole mounting options, integrated PoE support makes power requirements a non-issue. Setup in minutes, it's a cinch!

Easy remote management

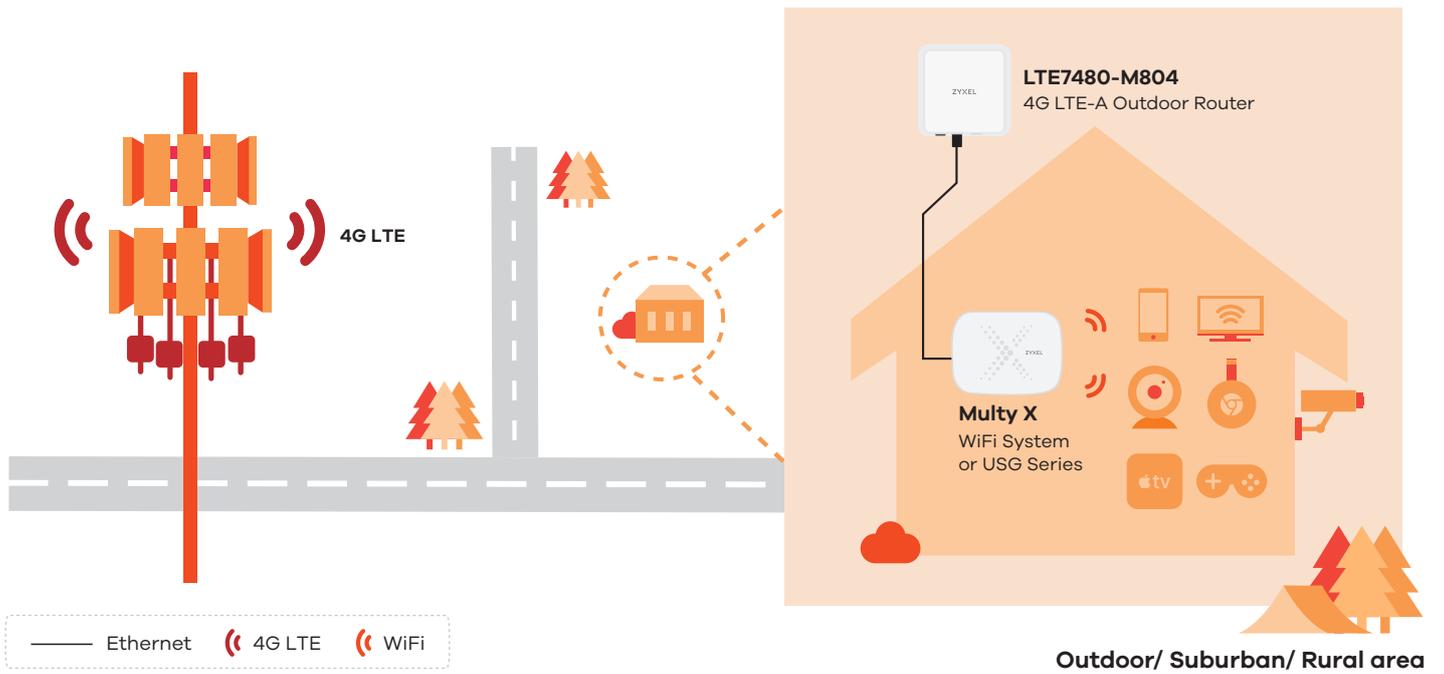
Configure settings, accessibility features, monitor the network status, upgrade software, change network name/password, manage firewall, and more all from the convenience of an intuitive smartphone and tablet app, or user-friendly computer web-based interface. Keeping your network healthy has never been easier!



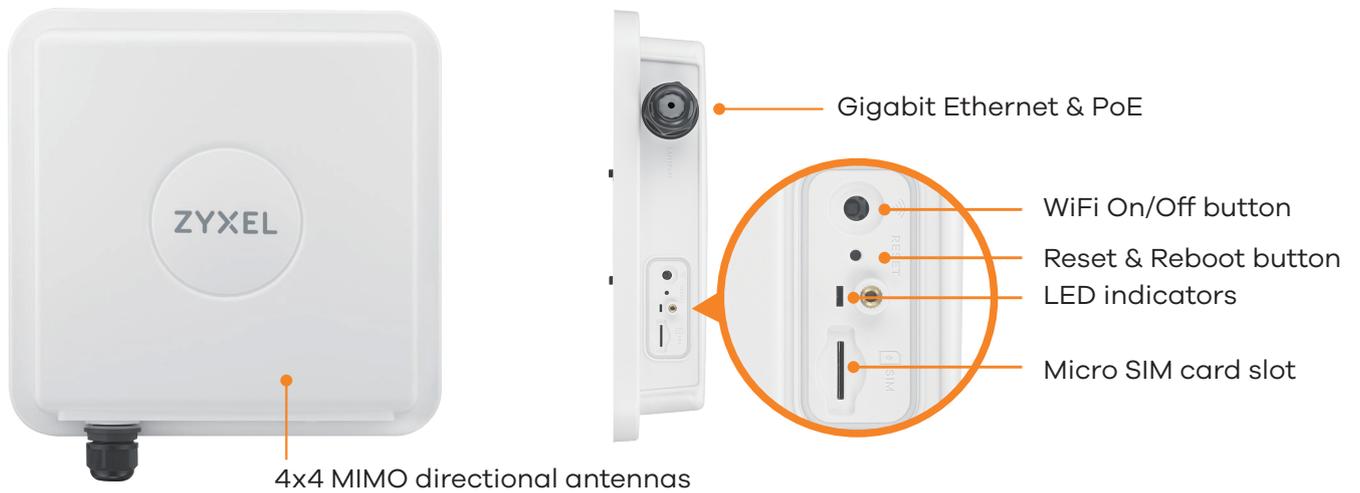
Be a Transformer - Strengthen network & defense

Link the LTE7480-M804 with a WiFi system to expand your internet. Connect it with a powerful security gateway to get more protection from malware and unauthorized application for your family and business.

Application Diagram



Interface description



Specifications

Hardware Specifications

LTE Interface

- Standard compliant: 3GPP UE Category 12
- Support LTE bands: 1/3/5/7/8/20/28/38/40/41
- Support DL 2CC, 4x4 MIMO, 4 spatial streams
- Support DL speed of up to 600 Mbps
- Support UL speed of up to 150 Mbps
- Support DL modulation QPSK, 16-QAM, 64-QAM and 256-QAM
- Support UL modulation QPSK, 16-QAM and 64-QAM

LTE/3G Antennas

- 4 embedded directional antennas of up to 8 dBi

Power Interface

- Standard 802.3 af/at power over Ethernet and PoE PD compatible.
- Power consumption at POE: < 16 W

Hardware Interface

- One 10/100/1000 Mbps Ethernet RJ-45 PoE LAN ports

- One LED indicator for:
 - Power status
 - Internet status
 - LTE signal strength
 - WiFi status
 - LAN status
- One 3FF format micro SIM card slot
- One WiFi on/off button
- One reset to default button

Physical Specifications

- Dimensions (WxDxH): 254 x 255 x 58 mm (9.99" x 10.03" x 2.28")
- Weight: 1040g (2.29 lb.)
- Accessory
 - Gigabit PoE injector with LED indicator
 - Wall mount kit
 - Pole mount kit

Environmental Specifications

Ingress Protection Rating

- IP68

Lightning Protection

- K.21 enhanced mode, 6 KV

Operating Environment

- Temperature: -40°C to 60°C (-40 °F to 140°F)
- Humidity: 5% to 95% (non-condensing)

Storage Environment

- Temperature: -40°C to 70°C (-40°F to 158°F)
- Humidity: 5% to 95% (non-condensing)

Certification

- CE/Safety
- WEEE
- 2011/65/EC Restriction of Hazardous Substances directive (RoHS)
- Hazardous Substance Free (HSF)
- European parliament and council directive 94/62/EC of 20 December 1994 on packaging and packaging waste

Zyxel Air App



For more product information, visit us on the web at www.zyxel.com

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