



## LTE7490-M904

### 4G LTE-A Pro Outdoor Router

#### Unparalleled Performance. Undeniable Connection

The Zyxel 4G LTE-A Pro Outdoor Router (LTE7490-M904) provides internet connectivity with the most advanced wireless network technologies and excellent quality that delivers unparalleled performance and reliability to households and/or businesses.

It can meet a variety of your needs regardless of where you may be located, especially in harsh areas where there's an absence of traditional cable, DSL or fiber broadband options.

Gear up with LTE7490-M904 now and go beyond the wired and environmental boundaries!



4G LTE-A Cat. 18 with up to 1.2Gbps data rates



IP68 outdoor-friendly design



4x high-gain directional antennas of up to 8 dBi



Failover function



Essential network security protection



Standard 802.3af/at PoE



Free app to find the best installation spot



Remote management

## Benefits

### Strong Design, Longer Durability

Robust design makes LTE7490-M904 possible to work in frigid environment and where desirable signal strength is difficult to achieve, but also guarantees a longer device life and reliability.

- IP68 for strong water and dust-proof ability
- K.21 enhanced-mode lightning protection
- Wide temperature operating range from -40°C to 60°C
- Level 16 hurricane level winds (200 Km/hr.) withstand capability



### Signal that Travels Farther and Faster

LTE7490-M904 employs the best-practice 4G LTE-A Cat. 18 with data rates of up to 1.2Gbps/150 Mbps (Downlink/ Uplink). Get up to 8 dBi per element for stronger and better signal performance with its built-in four 4x4 MIMO wide transmission directional antennas. Integrates high speed, strong signal, and long-range transmission.



### Non-stop Connectivity

The wireless LTE allows you to take advantage of the 2nd WAN without a cabling plan. As long as the gateway supports failover function, you can just connect the LTE7490-M904 to the existing gateway and set LTE as the failover WAN and relieve the risk of network outage. More, its flexible routing modes with both bridge and router functions. No matter if you already have a router or not, it can be easily deployed and integrated into your existing environment.

### Not Just Connected, but Secured

LTE7490-M904 is deployed with simple yet essential security and protection functions to help you reduce the risk of falling a victim of data theft and sabotage.

- DoS attack
- SPI
- Application-level firewall
- LAN MAC filtering
- IP filtering
- URL filtering



## Effortless installation

All you need to do is insert a micro-SIM card and use a smartphone or tablet to connect the LTE7490-M904's WiFi network. 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.

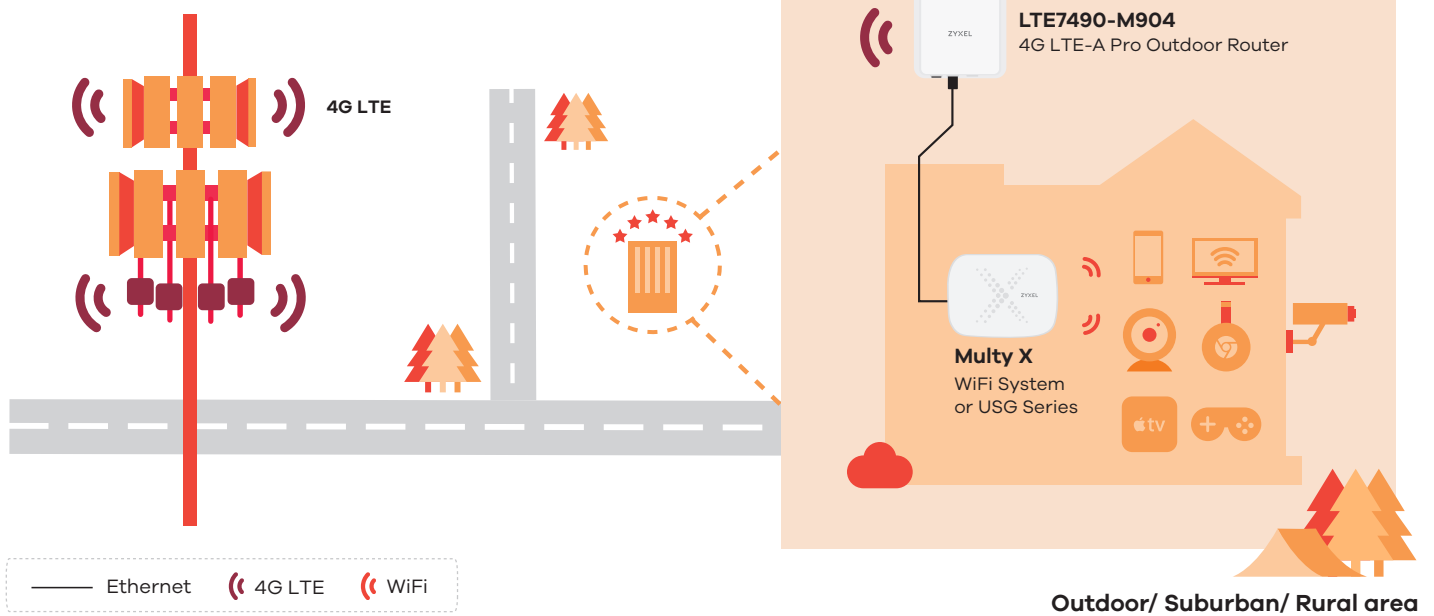


## Easy remote management

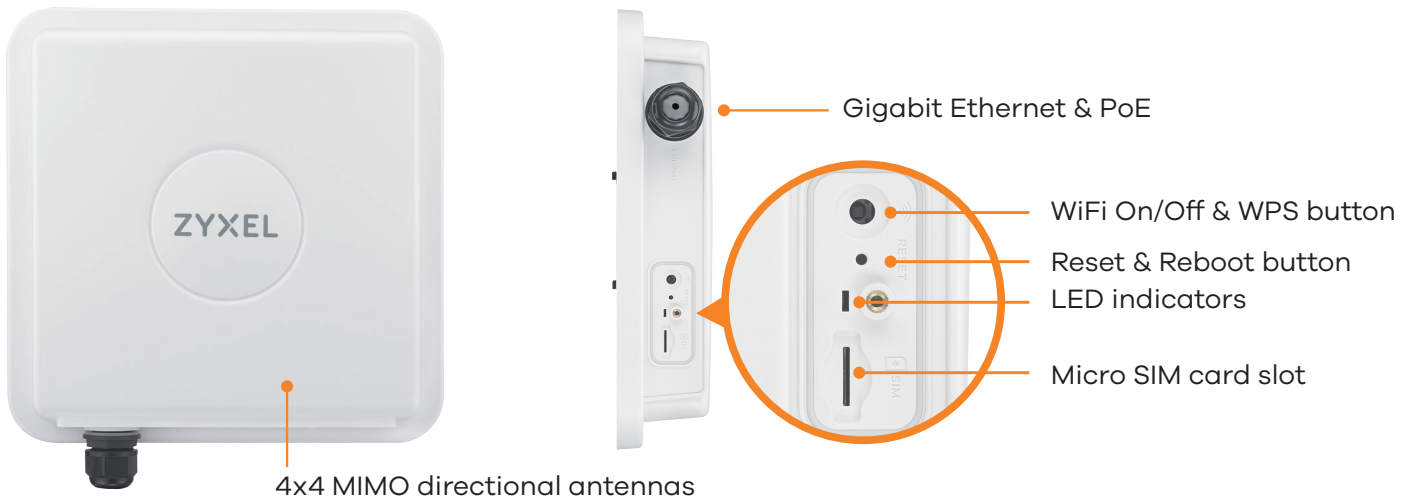
Configure settings, accessibility features, monitor the network status, upgrade software, change network name/password, manage firewall, and more all from TR-069 and HTTP/web GUI. Keeping your network healthy has never been easier!



## Application Diagram



## Interface description



## Specifications

### Hardware Specifications

#### LTE Interface

- Standard compliant: 3GPP UE Category 18
- Support LTE bands: B1/B3/B5/B7/B8/B20/B28/38/40/41
- Support DL 2CC, 4x4 MIMO, 4 spatial streams.
- Support DL speed of up to 1.2 Gbps
- 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 port
- 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: 1100 g (2.43 lb.)
- Accessory
  - Gigabit PoE injector
  - Wall mount kit
  - Pole mount kit

- Humidity: 5% to 95% (non-condensing)

### Certification

- CE
- WEEE (Waste Electrical and Electronic Equipment) Directive certification
- RoHS (Restriction of Hazardous Substances) Directive certification
- HSF (Hazardous Substance Free)
- European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

### Environmental Specifications

#### Ingress Protection Rating

- IP68

#### Lightning Protection

- K.21 enhanced mode, 6 KV

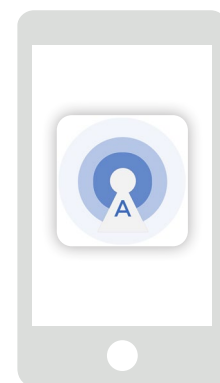
#### Operating Environment

- 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)

### Zyxel Air App



Q Zyxel Air

Available on the iPhone  
App Store

GET IT ON  
Google Play

For more product information, visit us on the web at [www.zyxel.com](http://www.zyxel.com)

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