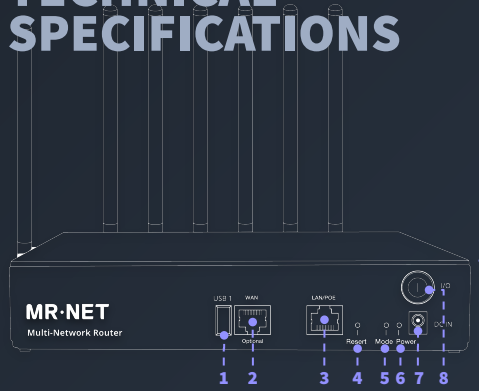
MR·NET

IP MULTI-ROUTER TECHNICAL SPECIFICATIONS

MR•NET IP Multi-Router is designed **to provide a simultaneous cumulative (bonded) network connection** to an endpoint via several independent wired / wireless feeds.

3 LTE	**1** WAN	**2.4/5** GHz
Up to three independent LTE connections	External WAN 100BASE-T DSL / Ethernet connections	Wi-Fi IEEE 802.11.b/g/n/a 2.4GHz / 5GHz bands



1. USB port #1
2. WAN port (RJ45)
3. LAN/POE port (RJ45)
4. Reset button
5. LED indicator mode
6. LED indicator power
7. Power DC, 12-18V, 1A
8. On / Off switch button

9. 6 x SMA-F connectors for external LTE antennas
10. USB port #2
11. SIM slots
12. USB port #3 (for external Wi-Fi USB dongle)
13. RP-SMA-F connectors for external Wi-Fi antennas
14. Grounding

LTE support:
- 3 LTE-A cat6 modems (Quectel EP06-A) or

Supported carriers:
- Verizon, T-mobile, AT&T

Operating bands:
- LTE-FDD: B2, B4, B5, B7, B12, B13, B25, B26, B29, B30, B66
- WCDMA: B1, B4, B5

Ethernet RJ45
- 2x 10/100 Ports (1 x LAN 1 x WAN optional)

Operating conditions:
- Voltage: 12-18 V
- Passive PoE support (input only)
- Power consumption: ~18 W
- Operating temperatures: 32-95° F
- Air humidity: up to 80%

Weight & Dimensions
- Weight: 1.7 lbs
- Dimensions: 8.3 " wide x 1.9" tall x 5.9" deep (not including antennas)

Features:

Routing / Switching Protocols
- Pv4/IPv6, Session persistent failover, NAT, GRE, Port Forwarding

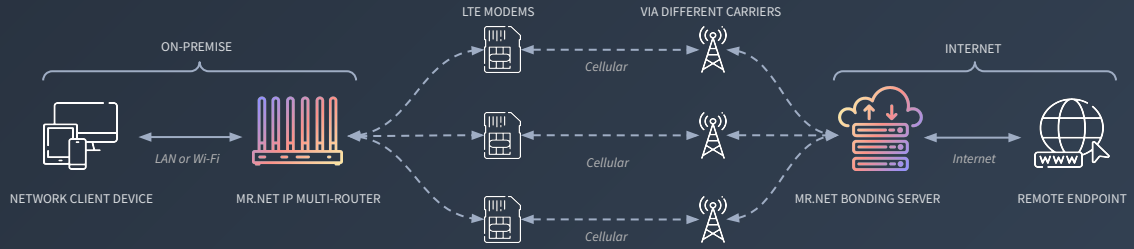
IP Applications
- DDNS, DNS Proxy, DHCP / DHCPv6

VLAN & VPN
- VLAN, IPSec, VPN Failover

Wi-Fi*
- Wi-Fi Hotspot, can be used as additional bonding input

Security
- Firewall, e2e encryption for each individual gateway

Method of use:



*For the best performance, external Wi-Fi router is recommended

The device's case is made of a durable metal. IP50 Class of the protection. Protected from limited dust ingress. Not protected from any liquids.

The device must be only used in strict compliance with client equipment operating, energy and safety requirements.

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