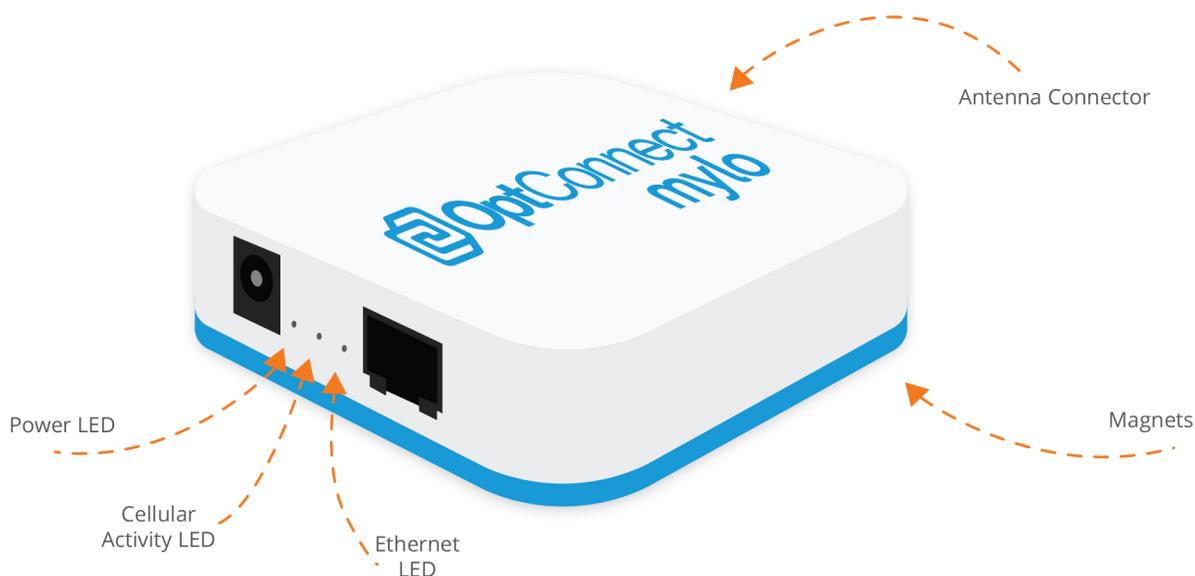# OptConnect
MANAGED WIRELESS SOLUTIONS

OptConnect's first 5G dual-carrier router on the CAT M1 Network

OptConnect mylo
Tenacious Connectivity, Magnetic Personality

Features	Advantages

Features

- **Plug-n-play** Connectivity
- **Lightweight** 2.8 oz
- **Compact size** 79.8 x 79.8 x 19.7 mm
- **Temp resistance** -40c - +85
- Magnetic Base

Additional Features

- Cost-effective replacement for landline dial-up circuits or analog cell-phones – Primary connectivity for PLCs, RTUs, POS, ATM solutions
- Speed optimized for transactional / sensor data transmission
- Full duplex transceiver ethernet port
- LED network status indicators
- Remotely manageable and upgradeable

Advantages

- Dual carrier redundancy   **verizon**√   **AT&T**
- Better building penetration
- Primary network connectivity for POS, ATMs, etc.
- Flexible and practical
- Modular antenna
- Flexible mounting options with integral magnetic base
- Delivers speed and wide coverage (Cellular Technology 5G)
- 5v power
- Enables remote device connectivity
- Save money, time and improve business efficiency
- Always on
- Low power consumption 5G 10-15 watts peak
- Built-in Firewall – 2.2
- DHCP server for local automatic IP assignment – can assign static IPs
  - Public and Private IP modes for local IP assignment
  - NAT with VPN Passthru
  - Domain name addressable

OptConnect

Antenna Connector

Magnets

Power LED

Cellular
Activity LED

Ethernet
LED

Wireless WAN	
GSM	2G fallback
LTE	LTE-FDD: B1[2100], B2[1900], B3[1800], B4[1700], B5[850], B8[900], B12[700], B13[700], B18[850], B19[850], B20[800], B26[850], B28[700], LTE-TDD: B39[1900] (LTE-M only)
WWAN Embedded Module	Quectel-QBG96
SIM Slots	2 internal 3FF Micro-SIM Slot
Antenna Connectors	1 x 50 ΩSMA (Center pin: female)
Ethernet	
Ports	1
Connector	RJ-45
Standard	IEEE 802.3
Physical Layer	10/100 Base-T
Data Rate	10/100 MBit/s
Mode	Full or Half duplex
Interface	Auto MDI/MDIX
Management	
Fully Managed Service	Logistics, fulfillment, 24x7 support, APIs, OptConnect Summit
Processor and Memory	Logistics, fulfillment, 24x7 support, APIs, OptConnect Summit
Protocol Support	HTTP, HTTPS, FTP, SSL
Power	
Input	5 VDC (power supply with barrel connector included)
Consumption	Typical: 3.5 W; Max: 15 W
General	
LEDs	Power On, LAN Connection, WWAN Service
Relative Humidity	5% to 95% (non-condensing)
Approvals	
GSM/CDMA	Verizon ODI, PTCRB
Carrier Certifications	Verizon, AT&T, others

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