OptConnect
MANAGED WIRELESS SOLUTIONS

Headache-Free connectivity for your IoT & M2M applications.

OptConnect neo

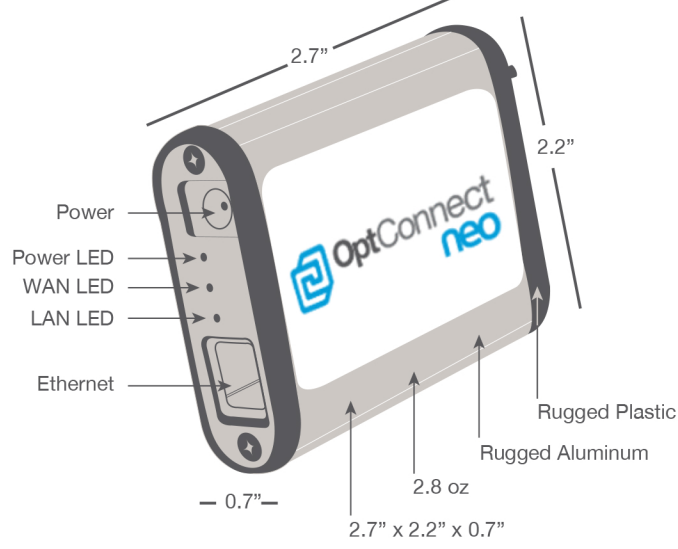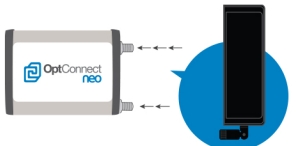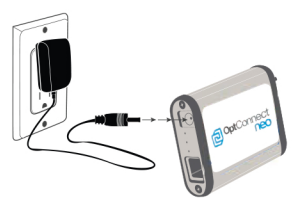| Features	Advantages

• **Plug-n-play** High-speed connectivity
 	
• **Lightweight** 2.8 oz
 	
• **Compact size** 2.7" x 2.2" x 0.7"
 	
• **Rugged** Aircraft grade Aluminum,
  Temp resistance -40c - +85
	• Primary network connectivity for micro markets, kiosks, signs, POS, ATMs, etc.
	
	• Flexible and practical
	
	• Modular antennas
	
	• Flexible mounting options
	
	• Delivers speed and wide coverage (Cellular Technology 4G LTE)
	
	• 5v power
	
	• Enables remote device connectivity
	
	• Save money, time and improve business e ciency
	
	• Always on
	
	• Low power consumption 4G 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
	
	• High-Speed Data Connections

Additional Features

• Cost-effective replacement for landline dialup circuits or analog cell-phones – Primary connectivity for PLCs, RTUs, POS, ATM solutions

• Backup/redundant network connections for LANs

• High speed data transfer rate

• Full duplex transceiver ethernet port

• LED network status indicators

• Remotely manageable and upgradeable

OptConnect

Power

Power LED
WAN LED
LAN LED

Ethernet

2.7"

2.2"

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Rugged Plastic

Rugged Aluminum

2.8 oz

— 0.7"—

2.7" x 2.2" x 0.7"
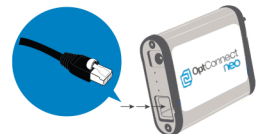
1 Attach antennas.

2 Apply power.

3 Plug in Ethernet cable.

4 Plug Ethernet cable into PC or router WAN port.

WAN

Wireless WAN	
GSM	HSPA+, GPRS, EDGE - 800/850, 900, AWS, 1900, 2100 MHz
	(PTCRB Approval not complete)
CDMA	EV-DO Rev A and 1xRTT - 800/1900 MHz (Both Approved)
LTE	LTE 700 (B17), 850 (B5) AWS1700 (B4) 1900(B2) MHz
	LTE 700 (B13), AWS1700 (B4) MHz
WWAN Embedded Module	Telit 910 Series
SIM Slots	1 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	OptConnect Portal
Processor and Memory	Atheros AR9331, 64MB RAM, 16MB FLASH
Protocol Support	HTTP, HTTPS, FTP, SSL
Power	
Input	5 VDC (power supply with barrel connector included)
Consumption	Typical: 3.5 W; Max: 10 W
General	
LEDs	Power On, LAN Connection, WWAN Service
Relative Humidity	5% to 95% (non-condensing)
Approvals	
GSM/CDMA	Verizon ODI
Carrier Certifications	Certified by Verizon and most major carriers

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