

OEM 4G/LTE Dual Ethernet Gateway w/WIFI

The all new Dragon-LTE-100-GL provides a feature packed, robust & compact industrial strength OEM wireless solution using ultra fast 4G/LTE technology for critical data applications. The Dragon-LTE-100-GL features Global Band Support, Dual 10/100 Ethernet ports, a high power 802.11b/g/n WIFI Hotspot, USB Direct Connect, status LED's, comprehensive VPN tunneling and customizable Firewall rules with ACL.

4G LTE

802.11 b/g/n WIFI

OEM Design

2x Ethernet Ports

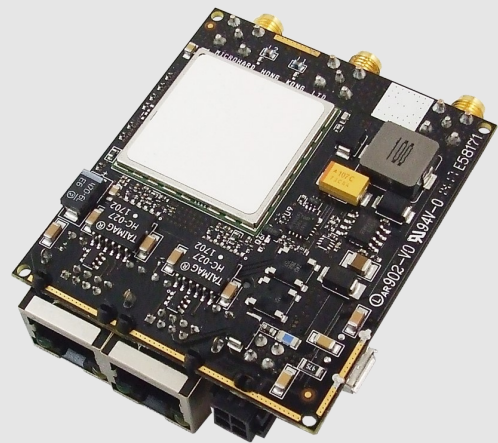
Low Power

USB Direct Connect



Features

- Low Power Consumption
- Robust & Compact OEM Design
- Ultra Fast 4G/LTE Operation
- Up to 150Mbps Downlink / 50 Mbps Uplink Over Air
- Support for 802.11b/g/n devices (Up to 150 Mbps)
- IP Pass-through Mode
- Status LED's (RSSI, Status, WIFI, Cell)
- Firewall with ACL Security, DMZ & Port Forwarding
- IPSec, GRE / VPN Tunneling
- Internet Content Filtering (OpenDNS, Custom Rules)
- Bandwidth Control (Throttling)
- 2 - 10/100 Ethernet (PoE), (2x LAN or 1x WAN/1xLAN)
- Wide Operating Temperature (-40°C to +85°C)
- Data Usage Alerts (Email, SMS)
- User interface via telnet or web browser
- Microhard NMS Support



Dragon-LTE-100-GL Specifications

Supported Bands	LTE FDD: B1,B2,B3,B4,B5,B7,B8,B12,B13, B18,B19,B20,B26,B28 TDD: B38,B39,B40,B41 WCDMA: B1,B2,B4,B5,B8,B6,B19 GSM: B2/B3/B5/B8			Diagnostics	RSSI, Ec/No, Voltage, Temperature, Remote diagnostics, UDP Event Reporting, SMS Alerts, Netflow
Cellular Data Features*	LTE FDD: Up to 150 Mbps DL, 50 Mbps UL LTE TDD: Up to 130 Mbps DL, 35 Mbps UL DC-HSPA+: Up to 42 Mbps DL, 5.7 Mbps UL WCDMA: Up to 384 Kbps DL, 384 Kbps UL EDGE: Up to 296 Kbps DL, 236.8 Kbps UL GSM: Up to 107 Kbps DL, 85.6 Kbps UL			Input Voltage	7 - 30VDC or Passive PoE Reverse polarity protection
<small>*Module Standalone Laboratory Performance</small>				Current Consumption (@12VDC)	Idle (LTE Connected): 93~120 mA WiFi (AP mode+LTE): 170 mA Max Peak: 320 mA
WiFi Features	802.11b/g/n (2.4GHz)			Connectors:	Antenna 2x SMA Female (Cell, Div) 1x RPSMA Female (WiFi) Data 2x RJ-45 (Ethernet) 4 PIN Interlock (Vin) USB Micro-AB SIM 1.8 / 3.0V (Nano - 4FF)
WiFi Performance	Rate	Mode	Tx (dBm) Rx (dBm)	Environmental	Operating Temperature -40°C to +85°C Humidity 5-95%, non-condensing
	1 Mbps	b	30 -97 ± 1	Weight	Approx. 55 grams
	11 Mbps	b	30 -92 ± 1	Dimensions	Approx. 3.0" x 2.25" x 0.70" (76mm x 57mm x 18mm)
	6 Mbps	g	30 -94 ± 1	Approvals	FCC / IC PTCRB
	54 Mbps	g	26 -75 ± 1		
	MCS0	n (HT20)	30 -96 ± 1		
	MCS7	n (HT20)	26 -75 ± 1		
	MCS0	n (HT40)	30 -94 ± 1		
	MCS7	n (HT40)	26 -73 ± 1		
Ethernet	2x 10/100, Auto - MDI/X IEEE 802.3			Order Options	
USB	USB 2.0 Direct Connect			Model	Dragon-LTE-100-GL
SMS	SMS to/from Ethernet via Telnet SMS Alerts SMS Remote Control				
Carrier Connection	PAP, CHAP, ICMP Keep Alive, Traffic Watchdog, DDNS, IP pass-through.				
Network Protocols	TCP, UDP, TCP/IP, ARP, ICMP, DHCP, HTTP, SNMP, FTP, DNS, Serial over IP, Modbus Slave (TCP/Serial)				
Security	VPN, IPSec with IKE/ISAKMP; Multiple tunnel support (16); 3DES and up to 256-bit AES Encryption, VPN Tunneling L2TP, GRE, HTTPS, RADIUS				
Firewall	NAT, NAT-T VPN tunneling, Port forwarding, VPN/GRE pass-through; Access control lists, DMZ				
Management	Telnet, WebUI, SNMP V1/2/3, Wireless Upgrade (HTTP/FTP), AT Command Interface (Serial/Telnet), Microhard NMS Support, Data Usage Alerts, SSH				

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