

OEM 4G/LTE Dual Ethernet Gateway w/WIFI

The all new Dragon-LTE-100 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 features 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

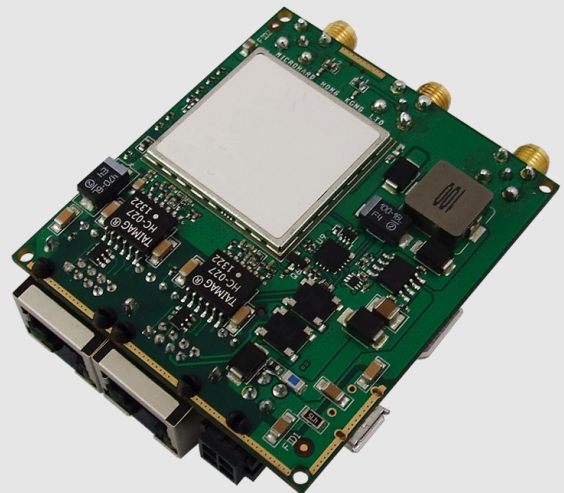
Low Power

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 Series

Specifications

Cellular Supported Bands				Diagnostics		RSSI, Ec/No, Voltage, Temperature, Remote diagnostics, UDP Event Reporting, SMS Alerts, Netflow	
North America		LTE FDD (Bands 2,4,5,12/17,13) UMTS HSPA+ (Bands 2,5) 3GPP Protocol Stack Release 9		Input Voltage		7 - 30VDC or Passive PoE Reverse polarity protection	
China		LTE FDD: B1,3,8 LTE TDD: B38,39,40,41 DC-HSPA+/HSPA+/HSPA/UMTS: B1,5,8,9 TD-SCDMA: B34,39 GSM/GPRS/EDGE: 900/1800 MHz		Current Consumption (@12VDC)		Idle (LTE Connected): 93~120 mA WiFi (AP mode+LTE): 170 mA Max Peak: 250 mA	
Cellular Data Features*				Connectors:			
North America		LTE: DL 150 Mbps, UL 50 Mbps DC-HSPA+: DL 42 Mbps, UL 5.7 Mbps		Antenna		2x SMA Female (Cell, Div) 1x RPSMA Female (WiFi)	
China		LTE FDD: UL 50Mbit/s, DL 150Mbit/s @20M BW LTE TDD: UL 10Mbit/s; DL 112Mbit/s @20M BW DC-HSPA+: UL 5.76 Mbit/s; DL 42 Mbit/s		Data		2x RJ-45 (Ethernet) 4 PIN Interlock (Vin)	
<i>*Module Standalone Laboratory Performance</i>				USB		Micro-AB	
				SIM		1.8 / 3.0V (Micro - 3FF)	
WiFi Features		802.11b/g/n (2.4GHz)		Environmental			
				Operating Temperature		-40°C to +85°C	
				Humidity		5-95%, non-condensing	
WiFi Performance				Weight		Approx. 55 grams	
		Rate	Mode	Tx (dBm)	Rx (dBm)	Dimensions	
		1 Mbps	b	30	-97 ± 1	Approx. 3.0" x 2.25" x 0.70"	
		11 Mbps	b	30	-92 ± 1	(76mm x 57mm x 18mm)	
		6 Mbps	g	30	-94 ± 1	Approvals	
		54 Mbps	g	26	-75 ± 1	FCC / IC	
		MCS0	n (HT20)	30	-96 ± 1	PTCRB	
		MCS7	n (HT20)	26	-75 ± 1	Carrier Specific Approvals	
		MCS0	n (HT40)	30	-94 ± 1		
		MCS7	n (HT40)	26	-73 ± 1		
Ethernet		2x 10/100, Auto - MDI/X IEEE 802.3					
USB		USB 2.0 Direct Connect					
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					

Order Options

North America Dragon-LTE-100-NA
China Dragon-LTE-100-CN

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