

VIP4G LTE Ethernet Bridge/Serial Gateway

The VIP4G provides a secure industrial strength wireless solution using 4G LTE network infrastructure for critical data communications. The VIP4G provides simultaneous network connections for multiple 802.11a/b/g/n WiFi devices, 4 x 10/100/1000 Ethernet ports, and a RS232/RS485 Serial port resulting in a communication device that can meet any network requirement!

4G LTE

802.11a/b/g/n WiFi

IPSec / VPN, GRE

Digital I/O

4 - Gigabit Ethernet

RS232/485/422 Port



Features

- Fast 4G LTE Link to Wireless Carrier
- Up to 100 Mbps Downlink / 50 Mbps Uplink
- Fast Data Rates to 802.11a/b/g/n to WiFi Devices
- Firewall with ACL Security, IPSec, GRE / VPN Tunneling
- Digital I/O - 4 Inputs, 4 Outputs
- DMZ and Port Forwarding
- 4 - 10/100/1000 Ethernet Ports (WAN/LAN)
- Integrated GPS (Server/Reporting)
- Wide Operating Temperature (-40°C to +85°C)
- User interface via local console, telnet, web browser
- Local and remote wireless firmware upgradable

VIP4G

Specifications

4G LTE		WiFi	
Supported Bands	4G LTE AWS 700 MHz (with MIMO) Global Fallback to: HSPA+/UMTS 850/AWS/1900/2100 MHz GPRS 850/900/1800/1900 MHz	Frequency	2.4 GHz / 5.8 GHz
Data Features	4G LTE Up to 100 Mbps downlink Up to 50 Mbps uplink	Spread Method	OFDM/QPSK/16QAM/64QAM
Carrier Connection	Dial on Demand, PAP, CHAP, Idle Time, ICMP Keep Alive, DDNS, IP pass-through, Wireless Traffic Timeout	Data Rates	802.11a/b/g/n
SMS Features	SMS to/from Serial RS232/485 SMS to/from Ethernet via Telnet SMS Alerts		Adjustable / Up to 30dBm (1W) High Power WiFi Available

General

Ethernet	4 x 10/100/1000 BaseT, Auto - MDI/X IEEE 802.3	Diagnostics	RSSI, Ec/No, Voltage, Temperature, Remote diagnostics, Watchdog, UDP Reporting
Serial Interface	RS232/422/485 (2/4 wire)	Input Voltage	7-30VDC
Serial Baud Rate	300bps to 921kbps	Digital I/O	4 Inputs / 4 Outputs
Serial Port Server	-Extensive Serial Port Support. TCP server & client / UDP server & client / Modem /PPP / SMS / SMTP / AT command -Extensive RS232/485/422 support	Connectors	Antenna 3G: SMA Female x2 (TX/RX, RX Div) GPS: SMA Female WiFi: SMA Female x2 Data RJ-45 (Ethernet) Female DB9 SIM 1.8 / 3.0V
GPS	GPS TCP Server / UDP Reporting	Environmental	Operating Temperature -40°C to +85°C (-40°F to +185°F) Humidity 5-95%, noncondensing
Network Protocols	TCP, UDP, TCP/IP, ARP, ICMP, DHCP, HTTP, SNMP, FTP, DNS, Serial over IP	Weight	Approx. 405 grams
Security	VPN, IPsec with IKE/ISAKMP; Multiple tun- nel support (16); 3DES and up to 256-bit AES Encryption, Site to Site Tunneling L2TP, GRE, HTTPS	Dimensions	Approx. 5.60" x 3.70" x 1.17" (142mm x 94mm x 30mm)
Firewall	NAT, NAT-T VPN tunneling, Port forwarding, VPN/GRE pass-through; Access control lists (IP filtering), Data origin / integrity Authenti- cation, DMZ		
Management	Local Serial Port Console, Telnet, WebUI, SNMP, Wireless Upgrade, RADIUS authenti- cation, AT Command Interface		

Contact Information

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