

2.4 GHz OFDM Broadband Ethernet Bridge / Serial Gateway

Responding to industry demands for greater speed and throughput, the VIP2400 brings long-range wireless network communications to a new performance level. The VIP2400 provides both serial and Ethernet high speed support.



Applications

- High-speed Backbone
- IP Video surveillance
- Voice over IP (VoIP)
- Ethernet Wireless Extension
- Legacy Network/Device Migration
- SCADA (PLC's, Modbus, Hart)
- Facilitating Internetwork wireless communications

Features

- Up to 54Mbps data rate
- Adaptive modulation
- LAN and WAN dual ports
- AP may be configured as router
- WDS station bridge
- User-configurable firewall functions
- Serial gateway (RS232/485/422)
- Comprehensive encryption support (not available on export versions)
- Authenticator and supplicant
- RADIUS server authentication
- Remote administration
- Quality of service (QoS) support
- Firewall and VPN
- Wireless firmware upgrade capable

VIP2400

Specifications



Frequency	2.4 GHz	Input Voltage	9-30VDC
Spread Method	OFDM/QPSK/16QAM/64QAM	Connectors	Antenna RP-TNC Female Bulkhead
Link Rate	Up to 54Mbps		Serial Data RS232 DB-9F Locking terminal connector
Error Detection	ARQ		Ethernet RJ-45 (x2)
Encryption	64/128-bit WEP/WPA, WPA2 (not available for export)		Console RS-232 DB-9F
Range	Up to 10 miles (16 km)		Environmental -40°F to 175°F (-40°C to +85°C) 5-95% humidity, non-condensing
Sensitivity	-97dBm	Weight	Approx. 0.7 lbs (318g)
Output Power	Up to 28dBm	Dimensions	Approx. 5.30" x 3.50" x 1.125" (135mm x 89mm x 29mm)
Ports	Serial Data	RS232: RxD, TxD, RTS, CTS, DCD, DSR, DTR RS422: Tx+, Tx-, Rx+, Rx- RS485: 4-wire/2-wire 300bps to 921kbps	Approvals FCC Part 15.247 IC RSS210
	Serial Console	RS232: RxD, TxD	
	LAN Ethernet	10/100BaseT IEEE802.3	
	WAN Ethernet	10/100BaseT IEEE802.3	
Network Protocols	TCP, UDP, TCP/IP, ARP, ICMP, DHCP, HTTP, SNMP, FTP, Serial over IP, QoS, VoIP		
Operating Modes	Access Point, Station, Repeater, Ad hoc, Mesh		
Management	Local Serial Port Console, Telnet, WebUI, SNMP, FTP Upgrade, RADIUS authentication		
Diagnostics	Temperature, SNR, Remote Diagnostics		
Rejection	Excellent strong signal interference & rejection characteristics		

Order Options

-C1D2 Class 1 Div 2 (for use in hazardous environments)

Contact Information

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