

VIP2400

Ruggedized 2.4 GHz OFDM Broadband Ethernet / Serial Gateway

The VIP2400 is a ruggedized high power broadband Ethernet & Serial Gateway. Responding to industry demands for greater speed and throughput, the VIP2400 brings long-range wireless network communications to an entirely new performance level. The VIP2400 provides dual Ethernet ports for WAN and LAN connectivity, as well as extensive serial communications that supports any RS232/RS485/RS422 device!

Up to 54 Mbps

802.11b/g WiFi

Enhanced Firewall

Extended Temperature

Dual Ethernet

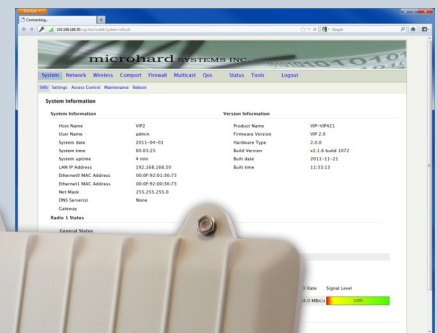
RS232/485/422 Port



Features

- Up to 54 Mbps data rate
- Support for 802.11b/g WiFi Devices - 5, 10, 20, 40 MHz Channels
- Firewall with ACL Security, Port Forwarding
- Access Point, Repeater, and Client/Station, MESH modes, Subscriber Roaming
- Serial Gateway (RS232/RS485/RS422)
- Comprehensive VLAN, QoS & Spanning Tree Support
- TDMA / WOPR Protocol
- RSSI LEDs for Antenna Alignment
- Dual Ethernet ports (WAN/LAN)
- Wide operating temperature (-40°C to +85°C)
- Administration via local console, telnet, web browser, SNMP
- Local and remote wireless firmware upgradable **IP67 Outdoor Enclosure**

Powerful User Interface



◆ MESH ◆ Serial/RS485 ◆ WiFi ◆ Ethernet ◆ Firewall

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Specifications

Frequency	2.4000 - 2.4835 GHz	Network Advanced Protocols	IP Routing - static Routing, IP/ RIPv1 (RFC1058) IP/RIPv2 (RFC1388), CIDR (RFC1519), ICMP (RFC791), ARP(RFC826) NAT and Port Forwarding (Routing mode only)														
Spread Method	OFDM/QPSK/16QAM/64QAM																
Radio Operation	IEEE 802.11 b/g																
Link Rate	Up to 54Mbps																
Bandwidth	5MHz, 10MHz, 20MHz, 40MHz (selectable)																
Error Detection	ARQ																
Encryption	WEP, WPA, WPA2 (permit required for export outside Canada & USA)																
Range	Up to 10 miles (16 km) (Antenna Dependant)																
Sensitivity	-97dBm @ 6Mbps -74dBm @ 54Mbps																
Output Power	Up to 30dBm (1W)																
Ports	<table border="0"> <tr> <td>Serial Data</td> <td>RS232: RxD, TxD, RTS, CTS, DCD, DSR, DTR</td> </tr> <tr> <td></td> <td>RS422: Tx+, Tx-, Rx+, Rx-</td> </tr> <tr> <td></td> <td>RS485: 4-wire/2-wire</td> </tr> <tr> <td></td> <td>300bps to 921kbps</td> </tr> <tr> <td>Serial Console</td> <td>RS232: RxD, TxD</td> </tr> <tr> <td>LAN Ethernet</td> <td>10/100BaseT IEEE802.3</td> </tr> <tr> <td>WAN Ethernet</td> <td>10/100BaseT IEEE802.3</td> </tr> </table>	Serial Data	RS232: RxD, TxD, RTS, CTS, DCD, DSR, DTR		RS422: Tx+, Tx-, Rx+, Rx-		RS485: 4-wire/2-wire		300bps to 921kbps	Serial Console	RS232: RxD, TxD	LAN Ethernet	10/100BaseT IEEE802.3	WAN Ethernet	10/100BaseT IEEE802.3	Connectors	Antenna RP-SMA Female Bulkhead (Outdoor: N-Female) Serial Data RS232 DB-9F Locking terminal connector Ethernet RJ-45 (x2) Console RS-232 DB-9F
Serial Data	RS232: RxD, TxD, RTS, CTS, DCD, DSR, DTR																
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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																
Security	MAC Authentication, RADIUS Server, MAC Blocking, IP List (ACL), Firewall, Port Forwarding.																
Operating Modes	Access Point, Station/Client, Repeater, Mesh																
Management	Local Serial Port Console, Telnet, WebUI, SNMP, FTP Upgrade, RADIUS authentication, TFTP, CLI (Command Line Interface)																
Diagnostics	Remote Diagnostics, Monitor Utilities (Ping, ARP table, Bridge Table, DHCP active leases, CCQ), Link Test																
Rejection	Excellent strong signal interference & rejection characteristics																
		Input Voltage	Standard: 9-30VDC Outdoor: 12-30VDC (POE)														
		Environmental	-40°F to 185°F (-40°C to +85°C) 5-95% humidity, non-condensing														
		Weight	Standard: Approx. 395g Outdoor: Approx 1245g														
		Dimensions	Approx. 5.65" x 3.72" x 1.20" (145mm x 95mm x 30mm) Outdoor: 8.5" x 7.0" x 2.0"														
		Approvals	FCC Part 15.247 IC RSS210														
Order Options																	
		-C1D2	Class 1 Div 2 (for use in hazardous environments)														
		-IP67	Outdoor weatherproof Enclosure														

Contact Information

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