

5.8 GHz OFDM Broadband Ethernet Bridge

Responding to industry demands for greater speed and throughput, the VIP Series brings long-range wireless network communications to a new performance level. For easy deployment the ANT version of the VIP Series is mounted in a weather resistant antenna enclosure.

Applications

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



Features

- Up to 54Mbps data rate
- Power Over Ethernet (POE)
- Weather Resistant Enclosure
- Adaptive modulation
- AP may be configured as router
- WDS station bridge
- User-configurable firewall functions
- Authenticator and supplicant
- RADIUS server authentication
- Remote administration
- Quality of service (QoS) support
- Firewall and VPN
- Wireless firmware upgrade capable
- Supports 5, 10, 20 MHz Channelization

VIP5800-ANT

Specifications



Frequency VIP5800-ANT 5.8 GHz	Input Voltage 12-30VDC (POE)
Radio Operation IEEE 802.11a, 5GHz	Connectors Ethernet RJ-45
Spread Method OFDM/QPSK/16QAM/64QAM	Environmental -40°F to 185°F (-40°C to +85°C) 5-95% humidity, non-condensing
Link Rate Up to 54Mbps	Weight Approx. 2.5kg
Error Detection ARQ	Dimensions Approx. 305mm x 305mm x 70mm
Encryption 64/128-bit WEP/WPA, WPA2 (not available for export outside Canada & USA)	Approvals FCC Part 15.247 IC RSS210
Range Up to 60 miles (100 km)	Order Options -C1D2 Class 1 Div 2 (for use in hazardous environments)
Minimum Signal VIP5800-ANT -114dBm (Including 23dBi Antenna)	
Output Power Up to 36dBm EIRP (Including Antenna Gain)	
Ports LAN 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, Adhoc, Mesh	
Management Telnet, WebUI, SNMP, FTP Upgrade, RADIUS authentication	
Diagnostics Remote Diagnostics	
Rejection Excellent strong signal interference & rejection characteristics	

Contact Information

Copyright 2010 Microhard Systems Inc.
Specifications subject to change without notice.

Microhard Systems Inc.
#17, 2135 - 32nd Avenue N.E.
Calgary, AB, Canada T2E 6Z3

Email: info@microhardcorp.com
Tel: (403) 248-0028
Fax: (403) 248-2762



www.microhardcorp.com