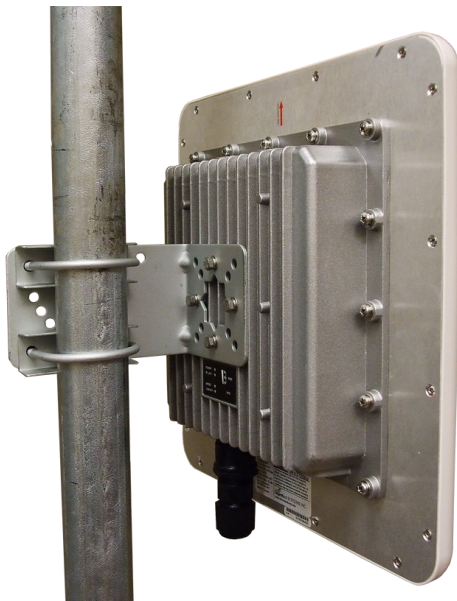


5.8 GHz OFDM Broadband Ethernet Bridge

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
- LED Status Indicators
- Adaptive modulation
- AP may be configured as router
- WDS station bridge
- User-configurable firewall functions
- 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, LED Status Indicators		
Rejection Excellent strong signal interference & rejection characteristics		

Contact Information

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