WiLAN VIP 110-24
Product Overview

WiLAN Technology

Wi-LAN's VIP 110-24 uses patented VINE technology as a networking solution that overcomes non-line-of-sight problems caused by challenging terrain. VINE implementation lowers the intial cost of deploying a network, using "any point to-multipoint" architecture.

VIP 110-24 key features:

- Non-line-of-sight obstacles conquered with patented VINE technology
- Operating in the 2.4 GHz license-exempt frequency band
- Specifically designed to operate over long distances
- Strength in point-to-multipoint networking
- Data rates from 1.5 to 11 Mbps
- Effortless installation
- Auto-configuration
- Committed Information Rates (CIR) and Maximum Burst Rates (MBR) to control inbound and outbound rates
- Network management over the air

Scalability

As your network grows, any VIP 110-24 node can be promoted to become a repeater; the only requirement for a new node to be attached is to have RF connectivity to any node already in the network - a deployment strategy called any point-to-multipoint - since any node already in the network can become the centre of a point-to-multipoint branch.

Hard to reach locations that are obstructed can easily be reached by VINE implementation into that neighborhood. These VIP "leaves" are available in 2 Mbps, 5.5 Mbps and 11 Mbps throughput configurations. Leaves are upgradeable to higher throughput speeds either locally or over the air.

Complete the WiMAX solution

- 18db Die-Cast Grid Antennas from Andrew Corp. Manufactured with Magnesium alloy, stainless steel and aluminum. Weighs 33 percent less than aluminum antennas, with no rust
- Omni-directional antennas from Mobile Mark providing 12dBi gain and 100W power output. Relatively small in size (40" x 1.15") with hardware included to mount to antenna pole.

Other WiLAN Products

Commonly known as WiMAX, the IEEE 802.16 set of standards continues to develop as a truly a state-of-the-art specification for fixed broadband wireless access systems. WiLAN offers a variety of products beyond the VIP 110-24 that are based on a point-to-multipoint (PMP) architecture and designed to meet your specific requirements.

LIBRA MX

Wi-LAN's Libra MX™, the world's first fourth-generation OFDM broadband wireless product, gives WiMAX performance today, and guaranteed migration to WiMAX-certified systems when they become available. It allows carriers to build a foundation for WiMAX now, and achieve rapid ROI by delivering advanced services like VoIP, data and video over expanded wireless networks immediately.

LIBRA 5800

The LIBRA family unleashes the power of non-line-of-sight (NLOS) to fixed wireless access with Wi-LAN's patented W-OFDM technology. Operating in the unlicensed 5.8GHz frequency band, LIBRA is Wi-LAN's 3rd generation W-OFDM product line and has been deployed in over 30 countries worldwide.

ULTIMA3

Wi-LAN's Ultima3 product family for the 5.8GHz frequency band includes Rapid Deployment (RD) and Extended Range (ER) radios for point-to-point applications, and Multi-Point (MP) radios for point-to-multipoint applications, giving your network the flexibility to grow with your business. Ultima3 uses Wi-LAN's patented MC-DSSS (multi-code direct sequence spread spectrum) technology. MC-DSSS is a spectrally efficient modulation technique that offers improvements in terms of data rates, reliability, costs and security.

For more information, or to place an order, please contact us at:

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