



New Features

VIP 110-24 Release 2.1.0

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Web Browser GUI

The VIP 110-24 Release 2.1.0 Web Interface is a Graphical User Interface (GUI) that gives you all the options and functionality for configuring and monitoring radios in your network as the Command Line Interface (CLI), but in a familiar point and click web environment.

DHCP Client

The VIP 110-24 can obtain and renew an IP address automatically through DHCP Client.

VLAN Support

VLAN allows the network administrator to plan and segment a network into multiple Local Area Networks (LAN).

NTP Request

NTP Request enables the VIP 110-24 to set its own internal clock from NT Packets received over a wireless RF port.

Security & Login Flexibility

VIP 110-24 now supports two different user levels; "User" and "Supervisor". The "User" account is restricted in commands it can execute. VIP Release 2.1.0 also includes a challenge key to recover lost passwords.

Configuration Files

The configuration of each node need not be programmed through the serial port. Once the node is attached to the network, a file may be remotely downloaded to its flash-file-system which contains all necessary configurations.

Auto-Configuration Scripts

Multiple configuration commands can be run on a node, by downloading a script to the "autorun" directory of its flash-file-system. The configuration scrip runs automatically on start-up.

Dynamic Power Control

Every radio, whether it is a Root, Repeater or Leaf has the ability to assess and compensate for varying received Radio Frequency (RF) levels at each radio, so that all the units in your network are operating optimally.

Priority Transmission

Enhanced priority queuing provides three levels of priority to Ethernet packets traveling through your VIP network. Packets are placed in priority queues based on their Type of Service (ToS) and VLAN priority settings.

Plug-and-Play

When Plug-and-Play is enabled, a Leaf's parent is auto-discovered (via frequency scan). With Plug-and-Play, Leaf Nodes can be moved freely around within the network.

Email Alarms

VIP Release 2.1.0 supports a number of email alarms. When the alarm is triggered, an e-mail is sent to the designated e-mail address.

Runtime & Uptime Clocks

The Runtime Clock and Uptime Clocks are timers that enable you to keep track of your VIP performance throughout its operational lifetime.

Monitor Auto Acquire

Monitor Auto Acquire allows you to monitor the progress of Auto-Acquire or RF Plug-and-Play.

Monitor Cycle

Monitor Cycle reports the polling cycle of a radio's direct links. Every direct connection that a radio has in a network—for instance, a parent to a child, a child to a repeater, or a child to parent—is displayed in the Monitor Cycle Table.



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