Airvine® VineOS™ WaveCore

Firmware Release Version 1.0.1.129

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Introduction

This VineOS firmware release v1.0.1.129 (filename: *avWCimage-1.0.1.129.bi*n) is a maintenance release that adds minor features, usability, and reliability enhancements for the WaveCore 1000RH Indoor Point-to-Point Wireless Bridge.

New Features and Enhancements

The v1.0.1.129 firmware release included the following new features and enhancements:

- Antenna Alignment Mode
    - LED refresh rate has been lowered so that the ALIGN LED will update its status every 2 seconds instead of every 15 seconds allowing alignment feedback to be more responsive to physical changes in the antenna orientation.
    - Alignment Mode duration has been lengthened from 90 seconds to 5 minutes.
- The default SSID name for the 2.4 GHz Management ratio has been changed
    - The SSID was "**AirVine2**" in prior releases but is now "**avb_[mac address]**" so that it is now unique to each WaveCore radio.
- A red colored **Reboot Reminder Indicator** icon has been added at the top of the VineManager Web GUI screen.
    - When the red Reboot Reminder Indicator flashes green, that reminds the user that there are pending "saved" changes to the configuration that that require a reboot to take effect. After the unit is rebooted, the **Reboot Reminder Indicator** icon will no longer be displayed.
- The Ethernet RJ45 LEDs behavior has been updated so that when no active ethernet cable is connected, both LEDs remain OFF.
- The blue Antenna Alignment Button has been moved from the Configuration/Wireless screen to the Monitor/Wireless screen.
- A RESTAPI has been implemented to allow for remote monitoring and configuration of the device.
- Minor usability improvements have been implemented to enhance the overall user experience.

Please refer to the WaveCore Datasheet, Configuration Guide, Installation Guide for description of supported features and capabilities. These documents and this software release can be downloaded from www.airving.com/support.

Resolved Issues

The following Known Issues have been resolved with this release.

ID Number	Description
WTSD-1008	ALIGN LED continues to stay "ON" even though there is no connection. When disconnected, the ALIGN LED should turn off.
WTSD-972	SYSTEM LED can occasionally continue to blink green even though the system has successfully booted up.
WTSD-1017	Changing Ethernet Settings doesn't result in a pop-up "reboot required" message

Known Issues

The following are Known Issues with this release.

ID Number	Description
WTSD-1122	When proxy managing a device, it is not possible to download support logs. The workaround is to log directly into the devices IP (vs. proxy manage it) and issue the download support logs command.
WTSD-1140	Changing Frequency Channel on the SN and rebooting the SN does not change the Frequency Channel. Changing the Frequency Channel requires confirming or setting the frequency channel on the CN and then re-booting the CN.
WTSD-996	SYSTEM LED will display RED when the system is working properly but there was a past uncleared critical alarm in the system alarm log located in the upper part of the screen in VineManager Web Gui. Manually clearing the alarm log in VineManager on a system that is working properly, will cause the SYSTEM LED to go back to GREEN color.
WTSD-995	Using older browsers can occasionally result in blank screens.
WTSD-985	User account (User ID/Password) is not saved in configuration files for security reasons. As a result, reloading configuration files will not load user/password configuration information requiring such information to be manually re-entered.
WTSD-983	If while using TFTP to upgrade system firmware and the connection to the TFTP server is slow (takes more than a five minutes), the system occasionally gets into a state whereby the upgrade process does not complete. Upgrading using a faster connection will avoid this issue.
WTSD-862	After reboot, user must login a second time to access VineManager

Software Upgrade Process

Please refer to the WaveCore Configuration Guide or WaveCore Getting Started Guide regarding how to upgrade software of the WaveCore Device. These documents can be downloaded at the Airvine support web site www.airvine.com/support.