

OR100 Series – Release Notes

Firmware Version: **2.5 (101722)**

Product Overview

KeyWest Networks OR100 series radios are designed specifically for smart cities and wireless internet service providers, providing end to end solutions to deploy and manage their networks. These products can serve in Point to Point (PTP) and Point to Multipoint (PTMP) configuration that deliver low latency, performance, and uptime under dense RF conditions.

This document provides release notes with details on new features, enhancements and issues fixed in current firmware.

NOTE:

1. **One must upgrade the remote device first before upgrading the local device of the existing RF link.**
2. **This release is compatible with release version 1.5 (build 030221), 2.1(build 091621), 2.2(build 101321), 2.3(build 030422), 2.4(build 060922)**
3. **This release is not compatible with releases prior to version 1.2 (build 093020) due to significant enhancements.**

New Features & Enhancements

1. General
 - a. Iperf3 support to measure performance and latency of the RF link
2. Wireless
 - a. Hide SSID option is enabled by default and on firmware upgrade in AP
3. Site Survey
 - a. Site survey page will be empty after device initialization
 - b. SSID is displayed as '[hidden]' for BSUs with Hide SSID option enabled
 - c. Scan results will be available/updated only if user initiates scan manually
 - d. During the scan, the wireless link will not establish
 - e. Last scan results will be available till the device reboots
 - f. Continuous option (check box)
 - i. selected - radio scans all supported channels continuously till user stops manually
 - ii. unselected - radio scan ends automatically after 180 seconds
 - g. Entry with green dot represents the wireless link partner

Bugs Fixed

1	Fixed HotStandBy issue in case of no RF link in redundant device
2	Fixed RF link disconnection issue due to Invalid Pairwise Cipher
3	Fixed RF link disconnection issue due to chain imbalance, in case of DDRS enabled with spatial stream Auto
4	Fixed SNR reporting as zero in RF link establish logs in Wireless Events

Known Issues

1	Duplicate entry of connected AP will be displayed in SU Site Survey scan results, if Hide SSID option is enabled
2	Hide SSID option is not supported for US 4.9 Country
3	RF link connectivity issue in DFS channels with 80MHz bandwidth

Supported Radios Models

Product Models	Part Numbers	Descriptions
OR100 Series	APOR100-B18	Base Unit – 5GHz 2x2 MIMO with 18 dBi 60 ⁰ sector antenna
	APOR100-C23	Base PTP Unit – 5GHz 2x2 MIMO with 23 dBi panel antenna
	APOR100-C18	Subscriber Unit – 5GHz 2x2 MIMO with 18 dBi panel antenna
	APOR100-X00	Base Unit – 5GHz 2x2 MIMO with 2 N-Type RF connectors