

AerDocsis System Software Software Release Notes

HoneybeeM4 19.6.6597

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1. Compatible devices and minimum versions

Product family	Devices	Minimum versions
Base Stations		
BS400 and BS800	AXS-BS-450-N AXS-BS-850-N	HoneybeeM1 19.6.6172
BS100	AXS-BS-150-N	HoneybeeM1 19.6.6172
User Terminals		
CPE100	AXS-CPE150-15 AXS-CPE150-RS	HoneybeeM1 19.6.6172
Radio Links		
LNK100	LNK-LU150-N LNK-LU150-23	HoneybeeM1 19.6.6172

2. What's new in this release?

2.1 Enhanced features

2.1.1 Common to all devices

Temperature

Temperature management has been improved, avoiding unnecessary stops and restarts of the radio system. This becomes more important in hot times or places.

Radio stop / restart

Radio system stops faster. Now configuration changes and actions that require restarting the MAC will be faster, especially in base stations with many connected clients.

2.1.2 BS400 and BS800 Base Stations

System

Internal libraries, files and applications that were not used on these devices have been removed.

2.2 Fixed bugs

2.2.1 Common to all devices

Web. Radio

Devices without an integrated antenna displayed information on integrated antennas on the radio web when the device was factory configured. Changed to show unknown antenna description.

Azimuth and elevation attributes could not be changed in web of devices with integrated antenna. These can change regardless of whether the equipment has an integrated antenna or not. Now these parameters are modifiable.

SMC ARQ

Fixed bugs in retransmission of lost packets from management services (SMC).

2.2.2 BS400 and BS800 Base Stations

Calibration

Fixed bugs related to radio calibration loading..

3. Important notes

3.1 Supported devices

This release supports base stations with any number of radios and user terminals with only one radio, as shown in point 1 of this document.

3.1 IMPORTANT ANNOUNCEMENT: BS800 Base Stations

Firmware upgrade process will automatically stop all running MACs before updating.

4. Appendix

4.1 Antenna information

Units with integrated antenna allow the Azimuth and Elevation parameters to be modified from the web. The purpose of saving this information is only descriptive and does not influence the behavior of the device. This information can be accessed on the classic web in the Radio Setup section, in the Antenna Information table:

Antenna Information

Antenna Information Configuration	
Description	Integrated antenna, G = 15dBi
Gain	15 dBi
Horizontal Aperture	0 °
Cable length	0 m
Azimuth	0 °
Elevation	0 °
Modify	

Units without an integrated antenna display by default information that is consistent and modifiable in its entirety:

Antenna Information

Antenna Information Configuration	
Description	Unknown antenna
Gain	0 dBi
Horizontal Aperture	0 °
Cable length	0 m
Azimuth	0 °
Elevation	0 °
Modify	