



Cisco D9824 Advanced Multi Decryption Receiver Software Version 3.96 Release Note

Overview

This document describes the new feature, improvements, and resolved issues in software version 3.96 for the Cisco® D9824 Advanced Multi Decryption Receiver. This version supersedes version 3.91, providing resolutions for several issues.

New Features

The following new feature is included in software version 3.96:

- MPEG MPTS over IP Output

Improvements and Maintenance

The following improvements and fixes are included in software version 3.96:

- Fixed DPI messaging and PID descrambling issues related to SCTE-35
- Improved FTP ROSA EM connectivity
- Response time improvement when CAM is inserted
- Fixed errors in Chinese and Korean subtitles
- LEC System Group performance enhanced

Resolved Issues

The following issues are resolved in version 3.96:

ID	Description
CSCtw87261	DPI: Cue trigger does not receive DPI messages.
Issue	The SCTE-35 DPI based Cue tones and Cue trigger do not function properly.
CSCua55540	Last decoded picture is not at the head of decode queue.
Issue	A continuous video freeze occurs. The following message is reported in the log: "STAPI: Producer : Picture is not the last in decoding FIFO ID".
CSCtu07119	FTP cannot connect to ROSA-EM.
Issue	The FTP client on the IRD cannot connect to some old FTP servers, in this case, the ROSA-EM server.
CSCtx32227	In D9854 version 3.91, not all PIDs are descrambled.
Issue	Some PIDs are not descrambled by the CAM.
CSCtx98161	DPI messages on shared PID authorization is inconsistent.
Issue	The DPI PIDs are shared between multiple User Addresses, but the DPI messages are not always authorized by the Uplink.
CSCtz51095	Previous SNMP Read-only Community Strings still valid and accessible.
Issue	When changing the read/write community string while existing read-only and read/write community strings are the same, the previous SNMP read-only community string may still be valid and accessible.
CSCtz64854	No video outputs when tuned to third party scrambled channel.
Issue	No video on analog outputs when IRD is tuned to a third party scrambled channel.
CSCtz67698	Intermittent short Imitext subtitles are corrupted.
Issue	Brief subtitles are corrupted at the bottom of a displayed subtitle region.
CSCua19199	DPM: PE action change in Mode-I does not trigger output change.
Issue	In Mode-I, changing the PE action does not affect the output.
CSCua63302	PRT FVT: Reboots during Codenomicon SNMP tests with length anomalies.
Issue	The unit reboots due to a watchdog event.

ID	Description
CSCtz60826	SNMP parameters reset after dynamic disable/enable.
Issue	The SNMP parameters reset to its default values when the SNMP is dynamically enabled.
CSCua29581	Assert Log Messages are displayed while changing Program Entry CI Slot.
Issue	When changing the CI slot entries for PE 1, assert log messages are displayed.

Upgrading the D9824 FPGA

The Cisco D9824 Multi Decryption Receiver software version 3.96 requires FPGA R00.00.02.

- 1 From the user interface of the D9824, click **System Settings > Versions > Versions**. The Versions page is displayed.

The screenshot shows the Cisco D9824 Advanced Multiple Decryption Receiver web interface. The left sidebar contains navigation links: System, Alarms, Versions (highlighted), Settings File, and Security/Accounts. The main content area is titled 'Versions' and is divided into three sections: Software Versions, Firmware Versions, and Download APP. The Software Versions section displays a table with columns for version type and value. The Firmware Versions section displays a table with columns for component, version, and build. The Download APP section includes an 'Upgrade File' field with a 'Browse...' button and a 'Download' button. Below this is a 'Download Status' section with a table showing the progress of the download.

Software Versions	
BOOT1	5.00
Safe APP	3.72
Minimum Version	00.00.00
Select APP Version	3.72

Firmware Versions	
CPLD1	E00.02.00
FP PIC	1.04
FPGA Type	XC5VLX110T
Safe FPGA	R00.00.01az
Current FPGA	R00.00.02az
Select FPGA Version	R00.00.01az

Download APP	
Upgrade File	

Download Status	
Triggered	No Trigger
State	Ready

- 2 In the **Upgrade File** field, click **Browse** to select the FPGA R00.00.02 CDT file.
- 3 Click **Download** to download the selected upgrade file. The **State** field in the **Download Status** section displays the progress of the download. When the download is complete, a Successfully Completed message is displayed at the top of the Versions page.
- 4 In the **Select FPGA Version** drop-down list, select the new FPGA firmware version (R00.00.02).
- 5 Click **Select & Reboot**. The D9824 device will reboot and use the new FPGA firmware.

For Information

If You Have Questions

If you have technical questions, call Cisco Services for assistance. Follow the menu options to speak with a service engineer.



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