Cisco D9887B HDTV Modular Receiver Software Version 7.7.3 Release Note

Overview

Introduction

This document describes the new features and resolved issues included in software version 7.7.3 for the Cisco® D9887B HDTV Modular Receiver since the previous release version, 7.6.1. This release includes new software features. It also resolves a number of reported issues.

Note: New unlicensed features that were added will automatically be available in the user interface. No additional licenses need to be purchased to support these features. New hardware support requires the purchase of the new hardware options in order to gain functionality.

New Features

The following new features are included since the software version 7.6.1:

- MMI support for CAM Decryption option
- Manual CAM reset through the web GUI

Release 7.7.3 Overview

Release 7.7.3 includes the following versions for each of the modules. The three last digits of the software number indicate the version of the module software.

- Current Release File Name: 7.7.3.update
- Required Base Version: 24
- Release Number: 7.7.3
- Release Branch: 7.7.x

Additional Upgrade Instructions

When upgrading to 7.5.1 or higher, the unit must have the base version of 24 (BaseUpgrade.24.update) installed. For more information on the upgrade instructions, see *Upgrading the Cisco D9887B HDTV Modular Receiver Technical Reference, part number 78-4043759-01*.

Resolved Issues

The following issues are resolved in release version 7.7.3:

Tracking Number	Description
3356	Altered PTS tracking duration.
3352	Subtitles are not displayed with provided stream.
3347	Unable to read SDT via SNMP.
3344	UTF-16 characters in service name prevent web GUI from loading.
3341	Manual unit Date/Time does not remain accurate.
3336	False “Link Down” error flagged with configuration 2 and Dual MPEG over IP Input/UDP Output option.
3319	Embedded AFD code is defined when decoding decimated video formats with no AFD.
3318	Unit stops descrambling some services.
3294	Log CAM resets in the Event Log.
3279	Some services stop descrambling after changing the CAM operation mode with specific CAMs.
3272	Unit stops descrambling some services.
3266	Incorrectly sending CA_PMTs additional work.
3234	No SDI output while AFD VANC embedding is enabled during boot-up.
3208	Quad Input DVB-S/DVB-S2 with LNB Power option: switching from DVB-S2 multistream mode to DVB-S mode does not always initialize properly and can lead to loss of transport stream.
3207	Incorrectly sending CA_PMTs.
3204	Analog Audio Distortion with only one channel with provided streams.
3190	Incorrect AES data block boundary.
3160	CAM disappears after a random period of time.
3157	The D9887B receiver incorrectly responds to "profile_enq".
3156	If the Dual MPEG over IP Input/UDP Output option is not the active input, it does not raise a "Link Down" error.
3143	CAM Reset Watchdog improvement.
3133	WSS fails at field/frame transition.
3126	RDD11: Will not work in SD and Auto settings.

Tracking Number	Description
3121	Incorrect AFD code found in VANC while decoding the provided stream.
3103	The "Dark green video" causes decoder to reset/freeze.
3102	SDI line conflict with the provided stream.
3091	Subtitles overlay stops with the provided stream.
3080	SDI video output shuts off on the Video Output (2 HD/SD-SDI, 1 RGBHV/YPbPr/Composite) option.
3077	Subtitles not clearing with the provided stream.
3076	Subtitles not clearing with the invalid RCS in subtitle PID.
3045	The middle line of subtitles is missing with the provided stream.
3008	DVB subtitles do not downscale with the provided stream.
3007	The Dual MPEG over IP Input/UDP Output option is causing D9887B to hang on to initialize.
3001	Change in AFD code implementation.
2961	Decoder lock up.
2946	Unit will not decode if there is an input on the Dual MPEG over IP Input/UDP Output option during bootup.
2901	The D9887B receiver does not restart descrambling BISS stream after the input is lost for 10 seconds.
2888	Does not display RDD-11 data with the provided stream.
2823	CAM and BISS cannot be used together.
2458	Specify the SD size of the DVB subtitles when no DDS is present in stream.
2391	Cannot descramble BISS services with the provided stream.
2319	DVB-S2 Multistream Setting causes issues with the DVB-S.

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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