

Release Notes for Cisco D9854/D9854-I, D9858, and D9824 Receiver/Decoder for Version 4.60

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New Features

The following lists the new feature for Version 4.60.

- HD/SD output control using the PowerVu Network Center (PNC) Transcode Control profile (D9854 only).

Hash Digest Values

You can generate the hash digest to verify the integrity of the software and FPGA versions running on the D9854/D9854-I, D9858, and D9824 units. For more information on generating the hash digest values, see *Cisco D9854/D9854-I Advanced Program Receiver Installation and Configuration Guide*, *Cisco D9858 Advanced Receiver Transcoder Installation and Configuration Guide*, and *D9824 Advanced Multi Decryption Receiver Installation and Configuration Guide*.

The following table lists the official D9854 V4.60 hash digest values.

Code/Processor	Hash Digest	FPGA ID	Version
App/5514	273b06e3 4ddd3c9e 6fbc9af2 0e4a751d a922a781	N/A	R04.60.00DD
App/7109	5c14ef0c 2c85276e f9ea85a1 75f106b6 5ff57e2b	N/A	R04.60.00DD
BOOT/5514	d3dfbd8b f902d2d5 47e2fb49 e239b3b6 8027d41f	N/A	R05.00.00DD
BOOT/7109	5c2dbc95 d3b1ef1b d8176e31 0a47ab17 06064ad5	N/A	R01.00.00DD
FPGA FX60/7109	41cd4328 6bc4cb16 cd1fdcd8 eaad78f6 65cfc05f	2	R00.00.03az (MPEG over IP)
FPGA FX60/7109	3bb3523e b4954d1b 382913ce c1fad497 ff5fc115	4	R00.00.02Vu (SFN)
FPGA FX60/7109	ae9d1429 8409e31f 90b6fcfd 77d9101f 4b4de638	1	R00.00.05az (SDI)
FPGA FX100/7109	9842038e 20a58cf3 a41922ee 1770381b c6ab0d0e	1	R00.00.05az (MPEG+SDI)

The following table lists the official D9854-I V4.60 hash digest values.

Code/Processor	Hash Digest	Version
App/5514	273b06e3 4ddd3c9e 6fbe9af2 0e4a751d a922a781	R04.60.00DD
App/7109	5c14ef0c 2c85276e f9ea85a1 75f106b6 5ff57e2b	R04.60.00DD
BOOT/5514	d3dfbd8b f902d2d5 47e2fb49 e239b3b6 8027d41f	R05.00.00DD
BOOT/7109	5c2dbc95 d3b1ef1b d8176e31 0a47ab17 06064ad5	R01.00.00DD
FPGA LX155T/7109	2ffb9d0 095d8aca 36ff301e 39971d5a b2b5ee28	R00.00.01az
FEC FPGA/7109	c9e3fd86 1b8f53e7 a2c67d09 3d0aed88 f9871985	R00.00.01vi

The following table lists the official D9858 V4.60 hash digest values.

Code/Processor	Hash Digest	Version
App/5514	273b06e3 4ddd3c9e 6fbe9af2 0e4a751d a922a781	R04.60.00DD
App/7109	5c14ef0c 2c85276e f9ea85a1 75f106b6 5ff57e2b	R04.60.00DD
APP/SAT	937f384a 4da7b89a 2f316e6a 948d9afd ae9990be	R04.60.00DD
BOOT/5514	d3dfbd8b f902d2d5 47e2fb49 e239b3b6 8027d41f	R05.00.00DD
BOOT/7109	5c2dbc95 d3b1ef1b d8176e31 0a47ab17 06064ad5	R01.00.00DD
BOOT/SAT	2ffb9d0 095d8aca 36ff301e 39971d5a b2b5ee28	R00.00.01az
FEC FX60/7109	edd457b4 03ccaa84 84635a9e 1704999e 733616a4	R00.00.05az

The following table lists the official D9824 V4.60 hash digest values.

Code/Processor	Hash Digest	Version
App/5514	273b06e3 4ddd3c9e 6fbe9af2 0e4a751d a922a781	R04.60.00DD
App/7109	5c14ef0c 2c85276e f9ea85a1 75f106b6 5ff57e2b	R04.60.00DD
BOOT/5514	d3dfbd8b f902d2d5 47e2fb49 e239b3b6 8027d41f	R05.00.00DD
BOOT/7109	5c2dbc95 d3b1ef1b d8176e31 0a47ab17 06064ad5	R01.00.00DD
FEC LX110T/7109	41c88170 b0f4fb1b 329093ef 65bccf63 83d34470	R00.00.03az

The table below lists the official D9824 V4.60, with FEC hash digest values. D9824 units purchased after December 2013 may include the IP FEC feature. For more information on identifying the D9824 units, with FEC, see the Identifying the new *Cisco D9854-I Advanced Program Receiver and D9824 Multi Decryption Receiver Hardware Releases Technical Reference*.

Code/Processor	Hash Digest	Version
App/5514	273b06e3 4ddd3c9e 6fbe9af2 0e4a751d a922a781	R04.60.00DD
App/7109	5c14ef0c 2c85276e f9ea85a1 75f106b6 5ff57e2b	R04.60.00DD
BOOT/5514	d3dfbd8b f902d2d5 47e2fb49 e239b3b6 8027d41f	R05.00.00DD
BOOT/7109	5c2dbc95 d3b1ef1b d8176e31 0a47ab17 06064ad5	R01.00.00DD
FEC LX110T/7109	41c88170 b0f4fb1b 329093ef 65bccf63 83d34470	R00.00.03az
FEC FPGA/7109	c9e3fd86 1b8f53e7 a2c67d09 3d0aed88 f9871985	R00.00.01vi

If these values do not match the generated digest values, contact Cisco Services.

Caveats

This section includes open and resolved caveats for this release. This section includes the following topics.

- [Open Caveats - Version 4.60, on page 3](#)
- [Resolved Caveats - Version 4.60, on page 4](#)

Open Caveats - Version 4.60

The following is a list of open caveats in Version 4.60. The caveat ID can be searched using the Cisco Bug Search Tool (<https://tools.cisco.com/bugsearch>), where you can find details about the caveat.

Bug ID	Description
CSCuq00586	D9854/D9854-I audio stops working after AAC tool change in the ASI input.
CSCut62299	Under rare circumstances, when the main IP input transport stream is lost while continuing to receive FEC streams, the input may not recover when the main IP stream returns.
CSCuu88992	No response from CI layer is received on unsupported session open requests.

Resolved Caveats - Version 4.60

The following is a list of resolved caveats in Version 4.60. The caveat ID can be searched using the Cisco Bug Search Tool (<https://tools.cisco.com/bugsearch>), where you can find details about the caveat.

Bug ID	Description
CSCuu26460	Decoded subtitle stops playing when subtitle stream is corrupted.
CSCuu37517	PSI Frequency Plan displays incorrect RF modulation information.
CSCuu93140	The D9854, D9854-I, D9824, and D9858 units tune to default parameters after an upgrade from Version 3.96 to Version 4.52.
CSCuv69834	The D9858 Program Entry Output Mode may change to Drop on uplink control reception.
CSCuv88292	The SNMP credentials are lost after a device reboot.
CSCuv71992	There is no XDS data on the SDI output.
CSCuw03405	The MPEG over IP unicast output intermittently drops for a few seconds.
CSCuw11386	The MPEG over IP output unicast delivery is not restored after ETH port re-connection.
CSCuw59028	Handling of invalid frame buffer with second field pictures during PVO format change.
CSCuw84166	The MPEG over IP output muted after switching from User to Auto mode.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation*, at: <http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html>.

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