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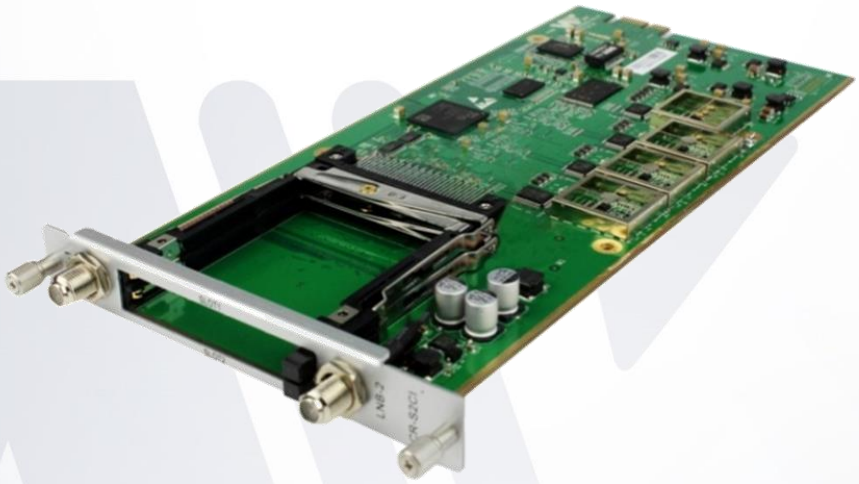
CR-DVBS2CI-01

Product Release Notes

Feature Release



November 2023

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About Wellav

Wellav Technologies Ltd. is a leading global provider of professional video delivery solutions. The company is committed to developing and manufacturing world-class video processing, monitoring equipments and solutions to help video service providers address real business challenges in video distribution via HFC and IP-based network. The company is headquartered in Huizhou, China with 500 employees in 2 operation centers and over 10 regional sales/support offices around different continents. With global service, Wellav provides system integration and technical expertise to support more than 2000 CATV, FTTH, IPTV/OTT, Satellite/Terrestrial, Broadband service providers to deliver high-quality video programs to hundred millions of viewers around the world. More information about Wellav is available at the company's website, www.wellav.com.

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Revision History

Date	Revision	Description	Author
1/3/2022	1.0	1.4.200 Release Notes	RF
16/3/2022	1.1	1.4.201 Release Notes	RF
25/3/2022	1.2	1.5.0 Release Notes	RF
31/3/2022	1.3	1.5.1 Release Notes	RF
4/8/2022	1.4	1.5.7 Release Notes	RF
4/8/2023	1.5	1.6.0 Release Notes	RF
30/10/2023	1.6	1.6.1 Release Notes	RF
25/11/2023	1.7	1.6.3 Release Notes	RF

Table of Contents

Feature Release V1.6.3

Release NO.

CR-DVBS2CI-01_V1.6.3.WVUpgrade

Release Date

November 25, 2023

New Features

None

Resolved Issues

1. Resolved the issue that the module could not load up the SMARTDTV descrambled card.

2. Resolved the issue that the output destination doesn't be cleared on some special occasions.

3. Resolved the issue that the EMM PID destination could not be cleared on some special occasions.

4. Resolved the issue that disable the EIT feature would cause the module to clear all the destination configuration.

5. Merge the auto scan feature to the advanced setting.

Test Results

positive

Remaining Issues

1. When the module receive the stream which is without the null packet, the multiplex or bypass output would have PCR_reptition_error.

Feature Release V1.6.1

Release NO.

CR-DVBS2CI-01_V1.6.1.WVUpgrade

Release Date

October 30, 2023

New Features

1. Module supports PID level descrambling.

2. Newly add the feature that on the stream level, user could expand/fold the program information.

Resolved Issues

1. Optimize the program searching time

2. The PCR PID on the output channel maximum supports to be set to 8191.

Test Results

positive

Remaining Issues

1. When the module receive the stream which is without the null packet, the multiplex or bypass output would have PCR_reptition_error.

Feature Release V1.6.0

Release NO.

CR-DVBS2CI-01_V1.6.0.WVUpgrade

Release Date

August 4, 2023

New Features

1. Rebuilt the version number from V1.5.23 to V1.6.0.
2. Support monitor maximum 64 ES PID on CI.
3. Newly add import/export NIT feature.
4. Newly add the feature that user could configure the NIT Network ID
5. Newly add the feature that user could modify the TOT table
6. Newly add the cable, terrestrial and satellite transportation system descriptor.
7. Newly add the statistic for the total output bitrate on the Web.
8. Newly add the delete null packet for IP output Newly support remove single IP output channel.
9. Newly add the print message for the input bitrate variation on log.
10. Newly add the feature that the module could judge the descriptor of the source signal.
11. Newly add the feature that user could bypass the channel without scanning channel.
12. Newly add the feature that user could add the other PID without scanning channel.

Resolved Issues

1. Resolved the issue that the module would display descramble failed when only descramble the audio.
2. Support monitor maximum 64 ES PID on CI.
3. Simplify the setting of descrambling the ES PID
4. Resolved the issue that user could not use the same CAM card to descramble different channels

5. Resolved the issue that the configuration doesn't take effect sometime.

6. Modify the PCR PID, Video PID and audio PID range to [32, 8190]

7. Resolved the issue that after enable the "delete null packet" selection, the total bitrate on the Web would be the same as the effective bitrate.

8. Modify the maximum NIT Transport Stream to 96

9. Resolved the issue that the EMM PID and Other PID could not be deleted after configuring EMM PID and Other PID to output and clear the single channel configuration.

10. Modify the channel and SI table scanning time from 12s to 120s.

11. Resolved the issue that the BISS parameters is not precise after importing configuring.

12. Resolved the issue that enable auto-scan feature, the output TS isn't recovered.

13. Resolved the issue that sometime it would keep occurring error prompts on Web.

14. Resolved the issue that when user click IP output status on SNMP browser, the browser would report error.

15. Resolved the issue that the SNMP browser could not get the descrambled message

16. Resolved the issue that it won't show EMM PID when user scan single channel.

17. Resolved the issue that the local time migration polarity of TOT table is incorrect when user insert TOT table to the module.

18. Resolved the issue that the channel scanned progress bar could not match to the real scanning time

19. Resolved the issue that user could not configure the L-Band and KU-Band value on SNMP.

20. Modify the satellite descriptor frequency point to 0-15000 MHz and symbol rate to 1-45000 Ksymbol/s.

Test Results

positive

Remaining Issues

None

Feature Release V1.5.7

Release NO.

CR-DVBS2CI-01_V1.5.7.WVUpgrade

Release Date

August 8, 2022

New Features

1. While multiplex the program to baseboard, the former 4 channels would display as ASI channel, the other channels would display IP channel.

2. Module independent OID and separate TUNER reboot.

Resolved Issues

1. Resolved the issue that without enable the channel user could still use the channel.

2. Resolved the issue that the slot numbers don’t correspond at SNMP files so that the status couldn’t be get.

3. Resolved the issue that the CNR which display at the Web isn’t consistent with the CNR at the SNMP MIB files.

Test Results

positive

Remaining Issues

1. Configure the program to baseboard IP and ASI output, the output has no bitrate. Reboot the module could recover this.

Feature Release V1.5.1

Release NO.

CR-DVBS2CI-01_V1.5.1.WVUpgrade

Release Date

March 31, 2022

New Features

1. All the sub-board restore the default, including chassis, the status light would turn to green.

2. When the effective bitrate is bigger than the set-up bitrate, the network management would report overflow.

3. The TS monitor won’t reset counter automatically.

Resolved Issues

1. Resolved the issue that the front panel of DVBS2CI-01 would randomly light up red light.

2. Resolved the issue that multiplexing configure the program to the DVBS2CI-01 IP output, when the effective bitrate is bigger than the set-up bitrate, the network management display is abnormal.

Test Results

positive

Remaining Issues

none

Feature Release V1.5.0

Release NO.

CR-DVBS2CI-01_V1.5.0.WVUpgrade

Release Date

March 25, 2022

New Features

1. Rebuilt the version number from V1.4.201 to V1.5.0.

Resolved Issues

none

Test Results

positive

Remaining Issues

none

Feature Release V1.4.201

Release NO.

CR-DVBS2CI-01_V1.4.201.WVUpgrade

Release Date

March 17, 2022

New Features

1. The module status light is consistent with the equipment light in the network management.

2. The CR-DVBS2CI-01 newly support EIT multiplexing output.

Resolved Issues

1. Resolved the issue that when the program was failed to descramble, the sub-board would light up the red light and the network management would light up the green light.

Test Results

positive

Remaining Issues

1. When configure the program output by module IP output, the effective bitrate which is multiplexing out would be higher than the IP output setting total bitrate.

Feature Release V1.4.200

Release NO.

CR-DVBS2CI-01_V1.4.200-WVUpgrade

Release Date

January 20, 2022

New Features

1. Made it support to show product ID in system configuration page.
2. Made it compatible with new HW which used new PHY.
3. Added a option in WebGUI to make a linkage between DiSEqc and LNB function.

Resolved Issues

1. Resolved the issue that the function of multiplexing descrambling is nor working properly.
2. Resolved the issue that the function of DisEqc can’t be successfully afte reboot.
3. Resolved the issue that the WebGUI maybe crashed after setting parameters through SNMP.

Test Results

positive

Remaining Issues

none

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