CM-ISDBT-R01/R01A

Product Release Notes

Feature Release

August 2023

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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
25/3/2022	1.1	1.5.0 Release Notes	RF
7/6/2022	1.2	1.5.1 Release Notes	RF
29/7/2022	1.3	1.5.4 Release Notes	RF
4/8/2023	1.4	1.6.0 Release Notes	RF

Table of Contents

Feature Release V1.6.0 ..... - 3 -

Feature Release V1.5.4 ..... - 4 -

Feature Release V1.5.1 ..... - 5 -

Feature Release V1.5.0 ..... - 6 -

Feature Release V1.4.200 ..... - 7 -

Feature Release V1.6.0

Release NO.

CM-ISDBT-01_V1.6.0.WVUpgrade

Release Date

August 4, 2023

New Features

1. Rebuilt the version number from V1.5.7 to V1.6.0
2. Newly support import/export NIT table.
3. Newly support modify the TOT table.
4. Newly support PSI insert.
5. Newly add the PSI/SI send table interval on the configuration page.

Resolved Issues

1. Modify the frequency point range of the cable descriptor to 0-999000KHz; Baud rate: 0-7000 Ksymbol/s
2. Modify the frequency point range of the satellite descriptor to 0-15000KHz; Baud rate: 1-45000 Ksymbol/s
3. incorporate the version number configuration on NIT feature.
4. Resolved the issue that the NIT Network Name descriptor shows messy code.

Test Results

positive

Remaining Issues

None

Feature Release V1.5.4

Release NO.

CM-ISDBT-01_V1.5.4.WVUpgrade

Release Date

July 29, 2022

New Features

1. Perform the level calibration to V5 and V6 hardware.

Resolved Issues

1. Remove the Service ID verify limitation.
2. Fix the Spurious signal issue.

Test Results

positive

Remaining Issues

1. The output from the module has the PCR accuracy error.

Feature Release V1.5.1

Release NO.

CM-ISDBT-01_V1.5.1.WVUpgrade

Release Date

June 20, 2022

New Features

1. Shield NIT Settings in program configuration under ATSC standard.

Resolved Issues

1. Resolved the issue that the new production board card need to load for half an hour.

Test Results

positive

Remaining Issues

none

Feature Release V1.5.0

Release NO.

CM-ISDBT-01_V1.5.0.WVUpgrade

Release Date

March 25, 2022

New Features

1. Rebuilt the version number from V1.4.200 to V1.5.0.

Resolved Issues

none

Test Results

positive

Remaining Issues

none

Feature Release V1.4.200

Release NO.

CM-ISDBT-R01/R01A_V1.4.200-WVUpgrade

Release Date

January 22, 2022

New Features

1. Added ACEWAV UI style.
2. Replaced the old PHY chip, compatible with new PHY.
3. Added a mechanism to clear the cache of IP communication to avoid related error.
4. Supported font format of BIG5.
5. Added service_list_descriptor and private data_descriptor.
6. Added new HW version number 111 to match with new HW.
7. Made RF level calibrations.

Resolved Issues

1. Resolved the issue that the module maybe occasionally loading.
2. Resolved the issue that the Master chip's SW version number and slave chip's may mismatch after power cycle.
3. Resolved the issue that the slave chip's SW version may not be upgraded successfully.
4. Resolved the issue that if the MAC address is lost, it must use the license tool to directly connect the device to update the MAC address.
5. Resolved the loading issue if the PHY is not up normally.
6. Resolved the issue that the license may not work properly on its authorization time after rebooting or resetting.
7. Made the check scope of service type belong to [0,255].
8. Resolved the issue that the output of last 4 channels will present the errors of counting TDT repeatedly.

9. Resolved the issue that it is not able to get values through SNMP.

10. Made a limitation so it will not be able to upgrade back to the old version if it’s lower than 1.4.31.

Test Results

positive

Remaining Issues

1. Output may present PCR accuracy errors.

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