CM-DTMB-R01/R01A

Product Release Notes

Feature Release

August 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	1.4.21 Release Notes	RF
18/3/2022	1.1	1.4.34 Release Notes	RF
6/4/2022	1.2	1.5.0 Release Notes	RF
7/5/2022	1.3	1.5.1 Release Notes	RF
4/8/2023	1.4	1.6.0 Release Notes	RF

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Feature Release V1.6.0

Release NO.

CM-DTMB-01_V1.6.0.WVUpgrade

Release Date

August 4, 2023

New Features

1. Rebuilt the version number from V1.5.6 to V1.6.0
2. Newly support import/export NIT table
3. Newly support modify the TOT table.
4. Newly support PSI insert.

Resolved Issues

1. Resolved the issue that some residual configuration couldn't be deleted.
2. Resolved the issue that the NIT Network Name descriptor shows messy code.
3. Finish the power level calibration on the new hardware module.

Test Results

positive

Remaining Issues

None

Feature Release V1.5.1

Release NO.

CM-DTMB-01_V1.5.1.WVUpgrade

Release Date

May 7, 2022

New Features

none

Resolved Issues

1. Resolved the issue that some board card need half an hour to finish the loading.

2. Resolved the issue that under the ATSC standard, the program setting would block the NIT setting.

Test Results

positive

Remaining Issues

1. The status light would still bring green when there has program in the channel without output or overflow、lost package.

Feature Release V1.5.0

Release NO.

CM-DTMB-01_V1.5.0.WVUpgrade

Release Date

April 6, 2022

New Features

1. The CMP platform realize the PID auto update function which below the PMT table.

2. Reclaim data before active restart.

3. Newly add the firmware version number 111, compatible level output.

4. Newly add clear IP communication cache mechanism, in order to prevent occur the error message about communication cache is full in the web.

5. Newly add remove data and lic partition function in the debug page.

Resolved Issues

1. Resolved the issue that multiplex the TS stream which include TDT table to the back 4 channels, it would occur the error about TDT table repeat count.

2. Resolved the issue that in the SNMP configuration, the number of QAM constellation mode parameter is different with network management.

3. Modify the standard of DVB/ATSC that all could configure service type.

4. Resolved the issue that to specific stream, the FTA-00A scan program would occur the program name is garbled.

5. Resolved the issue that restrict the chip upgrade is invalid, at the mean time restrict the upgraded version couldn't upgrade back to v1.4.31 and before.

Test Results

positive

Remaining Issues

1. When there's program configuration in the channel have no output、overflow or the video PID has serious lost package, the status light would remain green light.

Feature Release V1.4.34

Release NO.

CM-DTMB-01_V1.4.34_S16434_F762_W16364_20220317.WVUpgrade

Release Date

March 22, 2022

New Features

none

Resolved Issues

1. Resolved the issue that the license time may not effect after rebooting or resetting.
2. Made network ID’s length accord with standard.
3. Resolved the issue the that master chip and slave chip may not get the same version number after power cycle.
4. Resolved the issue that master chip’s SW version and slave chip’s may not be upgraded synchronously.
5. Modified the size for Output_WebTSInfo in SNMP control.
6. Made the check scope of service type belong to [0,255].

Test Results

positive

Remaining Issues

none

Feature Release V1.4.21

Release NO.

CM-DTMB-01_V1.4.21_S15552_F742_W15558_20210728.WVUpgrade

Release Date

July 28, 2021

New Features

none

Resolved Issues

1. Resolved the issue that the license time may not effect after rebooting or resetting.
2. Made network ID’s length accord with standard.
3. Resolved the issue the that master chip and slave chip may not get the same version number after power cycle.
4. Resolved the issue that master chip’s SW version and slave chip’s may not be upgraded synchronously.
5. Modified the size for Output_WebTSInfo in SNMP control.
6. Made the check scope of service type belong to [0,255].

Test Results

positive

Remaining Issues

none

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