



CM-QAMB-R01/R01A

Product Release Notes

Feature Release

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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
25/3/2022	1.1	1.5.0 Release Notes	RF
16/5/2022	1.2	1.5.1 Release Notes	RF
29/7/2022	1.3	1.5.3 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-QAMB-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. 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 after reboot the module, the frequency point would reset to default under ATSC standard.

Test Results

positive

Remaining Issues

none



Feature Release V1.5.3

Release NO.

CM-QAMB-01_V1.5.3.WVUpgrade

Release Date

July 29, 2022

New Features

1. Calibration for V5 and V6 hardware levels.

Resolved Issues

1. Resolved the issue that the channels 4 output frequency is different with Web display after enable all channels with the ATSC standard and switch to DVB standard.
2. Resolved the spurious signal issue.

Test Results

positive

Remaining Issues

none

Feature Release V1.5.1

Release NO.

CM-QAMB-01_V1.5.1.WVUpgrade

Release Date

May 16, 2022

New Features

1. The module would block the NIT setting at the program setting under ATSC standard.

Resolved Issues

1. Resolved the issue that some board cards need loading half an hour.

Test Results

positive

Remaining Issues

1. Environment: [CMP100+CM-QAMB-01]

Description: Configure the ATSC standard default parameters of the baseboard, and enable all channels. Then switch to DVB standard and refresh the page, Click APPLY on the basic setting of the module or just reboot the module. The output bitrate of channel 4 is different with the bitrate displayed on the Web.

Feature Release V1.5.0

Release NO.

CM-QAMB-01_V1.5.0.WVUpgrade

Release Date

March 25, 2022

New Features

1. Rebuilt the version number from V1.4.18 to V1.5.0.

Resolved Issues

none

Test Results

positive

Remaining Issues

none

Feature Release V1.4.200

Release NO.

CM-QAMB-01_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. Added the function to support PMT auto tracking.
5. Made it show product ID in the system configuration page.
6. Added new HW version number 111 to match with new HW.

Resolved Issues

1. Resolved the issue that the module maybe occasionally loading.
2. Resolved the loading issue if the PHY is not up normally.
3. Resolved the issue that the Master chip's SW version number and slave chip's may mismatch after power cycle.
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 issue that the license may not work properly on its authorization time after rebooting or resetting.
6. Resolved the issue that the slave chip's SW version may not be upgraded successfully.
7. Resolved the issue that it is not able to get values through SNMP.
8. Resolved the issue that after the license expired, if reboot or do factory resetting, the authorization time will be recovered.

9. Made the check scope of service type belong to [0,255].

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.

11. Resolved the issue that the output of last 4 channels will present the errors of counting TDT repeatedly.

Test Results

positive

Remaining Issues

none

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