



CM-QAMA-R01/R01A

Product Release Notes

Feature Release

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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
1/3/2021	1.0	1.4.21 Release Notes	RF
21/3/2022	1.1	1.4.200 Release Notes	RF
25/3/2022	1.2	1.5.0 Release Notes	RF
06/5/2022	1.3	1.5.1 Release Notes	RF
27/7/2022	1.4	1.5.3 Release Notes	RF
4/8/2023	1.5	1.6.0 Release Notes	RF

Table of Contents

Feature Release V1.6.0	- 3 -
Feature Release V1.5.3	- 4 -
Feature Release V1.5.1	- 5 -
Feature Release V1.5.0	- 6 -
Feature Release V1.4.200	- 7 -
Feature Release V1.4.21	- 8 -



Feature Release V1.6.0

Release NO.

CM-QAMA-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 insertion.

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
5. Resolved the issue that the descriptor which is automatically generated couldn't be saved after reboot.

Test Results

positive

Remaining Issues

None



Feature Release V1.5.3

Release NO.

CM-QAMA-01_V1.5.3.WVUpgrade

Release Date

July 27, 2022

New Features

1. Develop the level calibration of V5B & V6B hardware.

Resolved Issues

1. Resolved the issue that the frequency point signal when set to max hold at the spectrum observation setting is abnormal.

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 V1.5.1

Release NO.

CM-QAMA-01_V1.5.1.WVUpgrade

Release Date

May 6, 2022

New Features

none.

Resolved Issues

1. Resolved the issue that while the rear panel set to ATSC standard, the module would block the NIT table setting function.
2. Resolved the issue that the WebGUI would report 500-Internet Server Error.
3. Resolved the issue that after clearing the data at the debug page, every reboot would restore to default.

Test Results

positive

Remaining Issues

2. 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-QAMA-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-QAMA-01_V1.4.200.WVUpgrade

Release Date

March 21, 2022

New Features

1. Newly add clearing IP communication cache mechanism, to avoid occurring the wrong prompt about communication cache is full on Web.
2. Newly add hardware version number 111, which is compatible with the level output.
3. The automatic update function of PID which under the PMT table is realized on CMP platform.

Resolved Issues

1. Restrict the update version couldn't update back to v1.4.31 version or former version.
2. Resolved the issue that to specific stream, use FTA-00A to search the channel would cause the program name into gibberish.
3. Resolved the issue that to SNMP protocol, the module couldn't configure QAMA bandwidth and didn't synchronous with network management.
4. Resolved the issue that service type couldn't be configured.
5. Resolved the issue that when set the bandwidth to 6M, use SNMP to set the frequency, the adjacent frequency would change in to 8M by default.
6. Resolved the issue that using the TS stream with TDT table to multiplex into latter four channel, the TDT table would repeatedly count.

Test Results

positive

Remaining Issues

none



Feature Release V1.4.21

Release NO.

CM-QAMA-01_V1.4.21_S15619_F762_W15558_20210805.WVUpgrade

Release Date

August 05, 2021

New Features

1. Optimized the reboot function.

Resolved Issues

1. Resolved the issue that after the license expired, if reboot or do factory resetting, the authorization time will be recovered.
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. Made the check scope of service type belong to [0,255].
5. Modified the size of Output_WebTSInfo structure in SNMP.

Test Results

positive

Remaining Issues

none



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