



CM-QAMA-02

Product Release Notes

Feature Release



December 2022

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No.1, Shunchang Road, Huinan Hi-Tech Industrial Park, Zhongkai Hi-Tech Development Zone, Huizhou, Guangdong, China 516025

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Revision History

| Date | Revision | Description | Author |
|------------|----------|----------------------|--------|
| 1/3/2022 | 1.0 | 1.4.18 Release Notes | RF |
| 30/6/2022 | 1.1 | 1.5.0 Release Notes | RF |
| 12/12/2022 | 1.2 | 1.5.32 Release Notes | RF |

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Feature Release V1.5.32

Release NO.

CM-QAMA-02_V1.5.32.WVUpgradee

Release Date

December 12, 2022

New Feature

1. Newly add 2 status parameters at MIB file.
2. When enable 9-32 channels, the maximum value of the RF level range would be 105dBuv.
3. Newly add the specific source description for the new stream at the input status page.
4. Newly add the CM-QAMA-02 total bitrate、 ethernet port status and RF port status at baseboard status page. .

Resolved Issues

1. Modify the flicker mode for the phy light: The left indicator light would be blinking and the right indicator light would be steady on.
2. Resolved the issue that when the module indicator light is showing some status is abnormal (like the bitrate overflow), the baseboard indicator light at the Web would still be green.

Test Results

positive

Remaining Issues

1. Not support all the programs use ACData to descramble at the same time.
2. The LCN descriptor which was set on the Web didn't take effect at the STB.



Feature Release V1.5.0

Release NO.

CM-QAMA-02_V1.5.0.WVUpgradee

Release Date

June 30, 2022

New Feature

1. Rebuilt the version number from V1.4.18 to V1.5.0.
2. Newly add import/export configuration file function on the system setting.
3. Update the NMS version.
4. Modify the temperature threshold to 80°C.
5. Newly support display the effective bitrate and the selected input port on the input status page.
6. Newly add the input interface to switch front/back panel, retain the original input/output configuration.

Resolved Issues

1. While open the 32 modulation output channels, configure the modulation mode to 256QAM, configure the electrical level to 105dBuV, part of output channels would have mosaic.
2. Modify the configuration of net gape rate.
3. Resolved the issue that the module would mistakenly restrict the bitrate to 1G.
4. Resolved the issue that the CAS port is lock up.
5. Resolved the issue that the front panel of CMP201 would bright red light while on the normal status.

Test Results

positive

Remaining Issues

1. When enable the port 1 IP output channels more than 10, it would cause IP receive abnormal at port 2.



Feature Release V1.4.18

Release NO.

CM-QAMA-02_V1.4.18_S16231_F828_W16201_20211223.WVUpgrade

Release Date

December 23, 2021

New Feature

1. Modified the model name from CM-MOD-02 to CM-QAMA-02//02A
2. Made it possible to filter null packages in by-pass mode.
3. Added the feature of auto tracking PMT change.
4. Supported QAMB for MOD-02.

Resolved Issues

1. Resolved the issue that the first channel will have no IP output if changing the number of its IP packages.
2. Resolved the issue that it will be failed to access the WebGUI if setting unicast IP address for output channel.
3. Resolved the issue that there is probability the Symbol rate is not correct in batch setting using 256QAM.
4. Resolved the issue that the module will not work properly on scrambling if the total bitrate is over 800Mbps or the total channels over 220.
5. Resolved the issue that there is probability output may present issues of pixelate after enabling 256QAM.
6. Resolved the issue that the total bitrate of some channels is not correct after enabling 256QAM for multiple channels.
7. Resolved the issue that WebGUI may present the error of “Dear User, operation failed” when deleting the configurations for some services.
8. Optimized the function of system log.
9. Optimized the function of adding LCN.
10. Resolved the issue of PID conflict.
11. Added a limit that the max number of each channel’s services can’t exceed 20.

12. Resolved the issue that Data port1's IP address and Data port2's can't be set the same network segment.

13. Resolved the issue that the CAS port can't communicate with Cisco switch properly if Cisco switch enable auto negotiation mode.

Test Results

positive

Remaining Issues

1. It still doesn't support that to configure and route the TS from baseboard or other receiving modules to QAMA-02/02A.

2. If the signal source is VBR, there is low probability that the output will not play smoothly.

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zhongkai Hi-Tech Development Zone,

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