



# CM-ISDBT-R01/R01A

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Product Release Notes

Feature Release

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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
25/10/2023	1.5	1.6.2 Release Notes	RF

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# Feature Release V1.6.2

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## Release NO.

CM-ISDBT-01\_V1.6.2.WVUpgrade

## Release Date

October 25, 2023

## New Features

1. The PCR PID of output channel maximum support to 8191.

## Resolved Issues

1. Resolved the issue that without rescanning the program and then clear the the whole service configuration, the configuration would still be remained.
2. Resolved the issue that when user multiplex the program with 16M effective bitrate from baseboard and CE-HDMI-06 to the ISDBT-01 modulator at the same time, the modulation output would have CC errors.

## Test Results

positive

## Remaining Issues

None

# Feature Release V1.6.0

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## 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

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## 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

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## 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

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## 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

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## 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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