



# CE-SDI-00

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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](http://www.wellav.com).

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## Revision History

Date	Revision	Description	Author
1/3/2022	1.0	1.4.23 Release Notes	RF
19/4/2022	1.1	1.5.0 Release Notes	RF
26/10/2022	1.2	1.5.3 Release Notes	RF
25/11/2022	1.3	1.5.4 Release Notes	RF
14/12/2022	1.4	1.5.5 Release Notes	RF
25/6/2022	1.5	1.6.0 Release Notes	RF

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# Feature Release V1.6.0

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## Release NO.

CE-SDI-00\_V1.6.0.WVUpgrade

## Release Date

June 25, 2022

## New Features

1. Rebuilt the version number from V1.5.10 to V1.6.0.
2. Add the restriction on the SNMP that user could not modify the resolution and framerate.

## Resolved Issues

1. Add the restriction for the encoded lowest bitrate.
2. Resolved the issue that get the baseinfo on the SNMP tool, the http of the module would be failed.
3. Resolved the issue that when set the AAC output format to LATM, it would be analyzed as ADTS with using the bypass output.
4. Resolved the issue that enable the CC switch and the profile is switched from Main to Baseline, the output has no effective stream.
5. Resolved the issue that the module would recognize the wrong aspect ratio.
6. Resolved the issue that set the profile to Baseline, the output GOP structure and GOP size is inaccurate

## Test Results

positive

## Remaining Issues

None



# Feature Release V1.5.5

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## Release NO.

CE-SDI-00\_V1.5.5.WVUpgrade

## Release Date

December 14, 2022

## New Features

None

## Resolved Issues

1. Resolved the issue that when there's only mepg1\_layer2 license, the actual encode output audio type would be AC3 after bypass the AC3 audio ts.
2. Resolved the issue that upload the large file to the license feature would occur abnormal or system failure at the unit.

## Test Results

positive

## Remaining Issues

None

# Feature Release V1.5.4

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## Release NO.

CE-SDI-00\_V1.5.4.WVUpgrade

## Release Date

November 26, 2022

## New Features

1. Newly add write protection for hardware FLASH.
2. Newly add debug page for loading the VIXS kernel version.

## Resolved Issues

none.

## Test Results

positive

## Remaining Issues

1. When there's only mepg1\_layer2 license, the actual encode output audio type would be AC3 after bypass the AC3 audio ts. .

# Feature Release V1.5.3

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## Release NO.

CE-SDI-00\_V1.5.3.WVUpgrade

## Release Date

October 27, 2022

## New Features

1. Newly add basic parameter OutputBitrateflag to control whether enable the smooth output. Meanwhile synchronously add the corresponding SNMP feature.
2. Newly add Closed Gop parameter setting.

## Resolved Issues

none.

## Test Results

positive

## Remaining Issues

1. After import the mib file to MIB browser, the description would be another name.
2. The lowest bitrate was not limited.



# Feature Release V1.5.0

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## Release NO.

CE-SDI-00\_V1.5.0.WVUpgrade

## Release Date

April 19, 2022

## New Features

1. Rebuilt the version number from V1.4.23 to V1.5.0.
2. Add Closed Gop parameter configuration.

## Resolved Issues

1. Resolved the issue that while the coded format is MPEG2, the network management couldn't automatically configure the resolution so that the output stream would buffer
2. Resolved the issue that while the encoding bitrate set to 5M, the delay is higher than 5s. (MPEG 2 By-pass only)
3. Resolved the issue that after restoring to default, the default parameter is incorrect.
4. Resolved the issue that the sub-board couldn't get a part of parameter of SNMP.
5. Resolved the issue that after pulling out the signal, the Weusi would still remain the bitrate information.
6. Resolved the issue that the Volume button on the network management didn't work for the volume of the actual coded output.

## Test Results

positive

## Remaining Issues

1. Click the audio parameter "select all" box, there should not select the "smooth output" on the video parameter.



# Feature Release V1.4.23

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## Release NO.

CE-SDI-00-SDI-01-CVBS-03\_V1.4.23\_S16184\_F761\_W16177\_20211217.WVUpgrade

## Release Date

January 20, 2022

## New Features

1. Added indicator light.
2. Defined a new HW version number since changing the PHY.

## Resolved Issues

1. Resolved the issue that it maybe not able to access WebGUI when losing PHY configuration.

## Test Results

positive

## Remaining Issues

none

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