CE-HDMI-06

Product Release Notes

Feature Release

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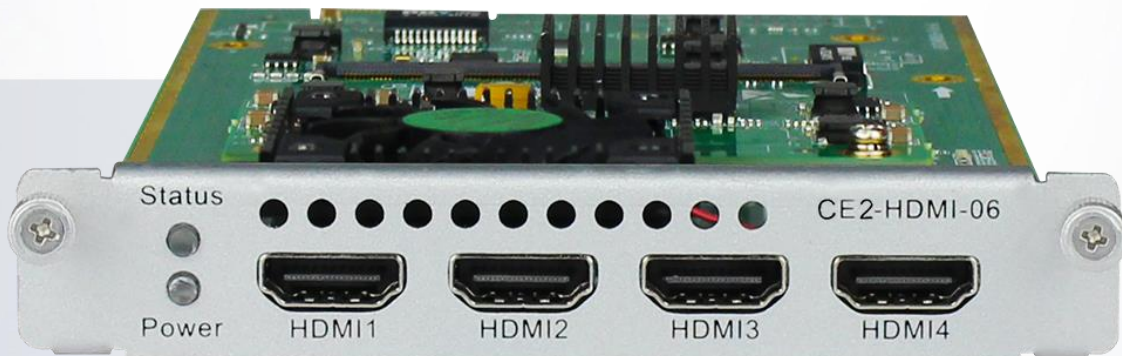
Wellav Technologies Ltd. is a leading global provider of professional video delivery solutions. The company is committed to developing and manufacturing world-class video processing, monitoring equipments and solutions to help video service providers address real business challenges in video distribution 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.

Revision History

Date	Revision	Description	Author
1/3/2022	1.0	1.4.30 Release Notes	RF
25/3/2022	1.1	1.5.0 Release Notes	RF
15/4/2022	1.2	1.5.1 Release Notes	RF
14/6/2022	1.3	1.5.2 Release Notes	RF
3/1/2022	1.4	1.5.6 Release Notes	RF
14/2/2023	1.5	1.5.11 Release Notes	RF
25/6/2023	1.6	1.6.0 Release Notes	RF

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Feature Release V1.6.0

Release NO.

CE-HDMI-06_V1.6.0.WVUpgrade

Release Date

June 25, 2023

New Features

1. Rebuilt the version number from V1.5.16 to V1.6.0

2. Newly add the rolling subtitle feature.

3. Newly add profile and level.

Resolved Issues

1. Resolved the issue that after clearing the configuration setting, there would still have some remaining configuration issues.

2. Resolved the issue that when the subtitle color is black, the final output would be affected by the background color.

3. Resolved the issue that some channels would display the abnormal bitrate on Web GUI,

4. Modify the audio PID range on the Basic Setting: 32-8190.

5. Resolved the issue that when the module start to encode, the GOP structure couldn't be applied successfully.

6. Resolved the issue that reset to default operation would delete the PCM, audio encoding and audio monitoring debug files.

7. Resolved the issue that there would have audio PID conflict after change the audio PID on SNMP.

8. Resolved the issue that use different chassis to load the same module would have OSD output abnormal issue.

9. Resolved the issue that when the input resolution is 1280*720P, using a block with larger resolution would make the block out of the box.

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10. Resolved the issue that the block would overflow, and the output picture would splash after turning on the subtitle switch

11. Resolved the issue that there would have the lip-sync for video and audio when the 1080i60 and 1080p60 switch between each other.

12. Modify the recommended video resolution.

13. Resolved the issue that the Hue of the picture would decrease after change the source from 1080P to 720P.

14. Resolved the issue that the video and audio PID could be the same after configuring on the SNMP.

Test Results

positive

Remaining Issues

None.

Feature Release V1.5.11

Release NO.

CE-HDMI-06_V1.5.11.WVUpgrade

Release Date

February 14, 2023

New Features

1. Optimize the updating EDID parameter mechanism.

2. Support every encoding channel could configure the EDID.

3. Newly add the system page to configure the concrete resolution of the EDID.

Resolved Issues

1. Synchronize the latest EDID feature to SNMP.

2. Modify the loading parameters issue to prevent the configuration takes no effect.

3. Optimize the module stability.

4. Resolved the issue that the parameters could be applied when configure the subtitle height over the limitation 999.

5. Resolved the issue the workable position parameters setting is different from the 1920*1080.

6. Resolved the issue that the subtitle color and display position is different with the preview.

7. Resolved the issue that the module Web would report error while switching to insertion page.

Test Results

positive

Remaining Issues

1. The HDMI-06 bypass/multiplex output might only have video but no video.

Feature Release V1.5.6

Release NO.

CE-HDMI-06_V1.5.6.WVUpgrade

Release Date

January 3, 2023

New Features

Resolved Issues

1. Optimize the HDMI-06 stability.

Test Results

positive

Remaining Issues

1. The HDMI-06 would stop encoding when the HDCP status is changeable, it would recover after reboot the module.

2. When the encoding bitrate is set to 600Kbps, the H.264 program would stuck but the H.265 program would be normal.

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Feature Release V1.5.2

Release NO.

CE-HDMI-06_V1.5.2.WVUpgrade

Release Date

June 14, 2022

New Features

Resolved Issues

1. Resolved the issue that there were 2 modules which had resolution but could not encode.

2. Resolved the issue that the network management had resolution but no bitrate when the module received the HDMI source from map sever.

Test Results

positive

Remaining Issues

Feature Release V1.5.1

Release NO.

CE-HDMI-06_V1.5.1.WVUpgrade

Release Date

April 15, 2022

New Features

Resolved Issues

1. Resolved the issue that there's a big difference between the encoding bitrate and actual PID bitrate.

2. Resolved the issue that select the "modulation" level in the log, the re-log in the log page, the network management would prompt the error message.

Test Results

positive

Remaining Issues

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Feature Release V1.5.0

Release NO.

CE-HDMI-06_V1.5.0.WVUpgrade

Release Date

March 25, 2022

New Features

1. Rebuilt the version number from V1.4.30 to V1.5.0.

Resolved Issues

Test Results

positive

Remaining Issues

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Feature Release V1.4.30

Release NO.

CE-HDMI-06_V1.4.30_S16186_F808_W16177_20211217

Release Date

January 20, 2022

New Features

Resolved Issues

1. Resolved the issue that some channel may not detect the source's resolution correctly after reboot.

2. Modified the model name from HDMI-R06 to HDMI-06.

Test Results

positive

Remaining Issues

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