



# DMP900

---

Product Release Notes

Feature Release



### Copyright

©2004-2022 Wellav Technologies Ltd. All rights reserved.

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

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

This publication contains confidential, proprietary, and trade secret information. No part of this document may be copied, photocopied, reproduced, translated, or reduced to any machine-readable or electronic format without prior written permission from Wellav. Information in this document is subject to change without notice and Wellav Technologies Ltd. assumes no responsibility or liability for any errors or inaccuracies. Wellav, Wellav Technologies Ltd., and the Wellav logo are trademarks or registered trademarks in the United States and other countries. All other products or services mentioned in this document are identified by the trademarks, service marks, or product names as designated by the companies who market those products. Inquiries should be made directly to those companies. This document may also have links to third-party web pages that are beyond the control of Wellav. The presence of such links does not imply that Wellav endorses or recommends the content on those pages. Wellav acknowledges the use of third-party open source software and licenses in some Wellav products. This freely available source code can be obtained by contacting Wellav Technologies Ltd.

### About Wellav

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).

All trademarks and registered trademarks mentioned herein are the property of their respective owners.  
farg



## Revision History

| Date      | Revision | Description          | Author |
|-----------|----------|----------------------|--------|
| 1/3/2022  | 1.0      | 5.8.37 Release Notes | RF     |
| 20/6/2022 | 1.1      | 5.8.44 Release Notes | RF     |
| 11/1/2024 | 1.2      | 5.8.54 Release Notes | RF     |

## Table of Contents

|                                      |              |
|--------------------------------------|--------------|
| <b>Feature Release V5.8.54</b> ..... | <b>- 3 -</b> |
| <b>Feature Release V5.8.44</b> ..... | <b>- 4 -</b> |
| <b>Feature Release V5.8.37</b> ..... | <b>- 5 -</b> |



# Feature Release V5.8.54

---

## Release NO.

DMP\_V5.8.54.WVUpgrade

## Release Date

January 11, 2024

## New Feature

none

## Resolved Issues

1. Resolved the issue that DMP + TSIP+ input + Scrambler + TSIP + output, TSIP+ would drop PSECMID.

## Test Results

positive

## Remaining Issues

none

# Feature Release V5.8.44

---

## Release NO.

DMP\_V5.8.44.WVUpgrade

## Release Date

June 20, 2022

## New Feature

1. Newly support ASlv2 sub board.

## Resolved Issues

2. Resolved the issue that DMP + TSIP+ input + Scrambler + TSIP + output, TSIP+ would drop PSECMID.

## Test Results

positive

## Remaining Issues

1. Environment: [DMP900 + Scrambler]. The network management collapse during the test, could connect the IP address but couldn't enter the network management. It will take 10 minutes could back into network management, but the parameters all have been cleared.
2. Environment: [DMP900 + Scrambler+\_HW0000]. After choosing non-scramble in CA1 Stream ID, the program would still be scrambled status.

# Feature Release V5.8.37

---

## Release NO.

DMP\_V5.8.37\_S3382\_F1715\_20211028

## Release Date

October 28, 2021

## New Feature

1. Rebuilt the version number from 5.7.0 to 5.8.0.

## Resolved Issues

1. Resolved the issue that the decoding firmware upgrade version number is different with network management display.
2. The EN2SDI-2H module newly supported 1080i60 input and 1080p30 or 720p30 output.
3. Resolved the issue that the network management couldn't correctly identify the EN4SC module sub-board.
4. Resolved the issue that 2 programs shared PID would affect channel search.
5. . Modify the EN4SC series module, including remove the CVBS support and remove analog audio input interface, change it into a new model named EN4SCV2-XX2AXX which only support 4 channel SDI encoding.
6. Modify EN4SC series module default parameter.
7. Resolved the issue that the EN4SC module which didn't change the hardware would display abnormality.
8. Resolved the issue that the unauthorized channels still had spectrum output.
9. Resolved the issue that the 8VSBMV2-02 module default the second channel is closed, but in fact there would still have output level and spectrum.
10. Resolved the issue that while the TCAVS-2M2AXX input interrupted, it would output black screen.
11. Resolved the issue that while authorize shielding AC3/AAC, the models which end with "xM2A01" would display "-xM2A00" model.
12. Resolved the issue that upgrade the EN2SDI-2Hv3 module firmware couldn't change the firmware version number.
13. Newly added module 8VSBMV2-02

14. Resolved the issue that the network management sometimes would stop running.
15. Resolved the issue that the second channel of 8VSBM-02 would have no output after defaulting.
16. Modify the decoder board that required authorization to enable AAC or AC3.
17. Resolved the issue that some specific program ES pid would be identified other pid.
18. Resolved the issue that empty the TCAVS+\_1H4S TS input source would cause data confusion.
19. Resolved the issue that the TCAVS+\_1H4S Incremental searched channel would occur mosaic while transcoding.
20. Resolved the issue that the encoding volume is lower than the signal source.
21. Resolved the issue that the TSIP module high probability would occur authorization failure.
22. The EN2SDI-2HV2 module newly support dual audio.
23. Resolved the issue that unselected encoding PCR and video, the output would still stay the same with signal source.
24. The ENAUDIO module newly support AAC and AC3 audio format, 24 bit depth and 44.1K sampling rate encoding.
25. Modify the device authorization file use into only can use once.
26. Resolved the issue that the 8VSBM2-02 module default the second channel is closed, but there still have output level and spectrum.
27. Resolved the issue that the second group audio sampling rate of EN2SDI module wouldn't change with the actual setting.
28. Resolved the issue that the authorization file would be invalid after use once.
29. Resolved the issue that when DMP-ASI output the previous level signal, the residual effective bit rate would cause the switcher couldn't switch.
30. Resolved the issue that the EN2SDi module input encode didn't support 1080P30 format.
31. Resolved the issue that the TCAVS+1H4s module transcoded programs would come out mosaic and black field.
32. Resolved the issue that the STB couldn't play programs after the ENASDI module encoding.
33. Optimize the SI table sending; adjust the NTP time zone option display
34. Optimize the abnormal scrambling issue and the unstable scrambling issue.
35. The ECMG communication of Scrambler+ module newly support V3 protocol.
36. Resolved the issue that there will present PCR errors after multiplexing from IP input to ASI output.



## Test Results

positive

## Remaining Issues

none



Wellav Technologies Ltd.

No.1, Shunchang Road, Huinan Hi-Tech Industrial Park,

zhongkai Hi-Tech Development Zone,

Huizhou, Guangdong, China 516025

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

