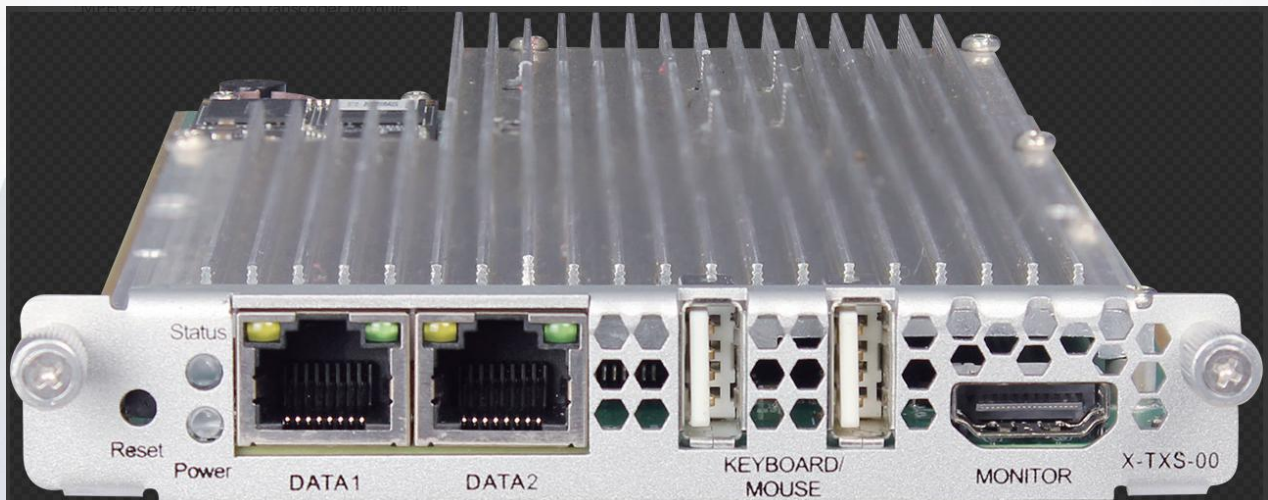


CX2-TXS-00

Product Release Notes

Feature Release



Copyright

©2004-2025 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

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.

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



Revision History

Date	Revision	Description	Author
2/1/2025	1.0	1.6.3-10816 Release Notes	RF
19/2/2025	1.1	1.6.50-11179 Release Notes	CH
28/2/2025	1.2	1.7.0-11238 Release Notes	CH
15/8/2025	1.3	1.7.1-11600 Release Notes	MM
22/10/2025	1.4	1.7.1-11655 Release Notes	MM
1/12/2025	1.5	1.7.2-11718 Release Notes	MM
22/12/2025	1.6	1.7.2-11726 Release Notes	MM

Table of Contents

Feature Release V1.7.2-11726.....	- 5 -
Feature Release V1.7.2-11718.....	- 6 -
Feature Release V1.7.1-11655.....	- 7 -
Feature Release V1.7.1-11600.....	- 8 -
Feature Release V1.7.0.....	- 9 -
Feature Release V1.6.50.....	- 10 -
Feature Release V1.6.3.....	- 11 -

Feature Release V1.7.2-11726

Release NO.

txs-00-1.7.2-11726-release-rbdb

Release Date

December 22, 2025

New Features

None

Resolved Issues

1. Resolved the issue of abnormal sounds in the output of some avs+ streams.
2. Solved the problem that avs+ GPU decoding could not start.

Test Results

positive

Remaining Issues

None

Feature Release V1.7.2-11718

Release NO.

txs-00-1.7.2-11718-release-rbdb

Release Date

November 27, 2025

New Features

1. Increases the number of log saves
2. Offers an audio bitrate of 32kb, raising the default bitrate.

Resolved Issues

3. Directory filling up causing module crash.
4. Probabilistic channel does not start timing until it has been running for one minute.
5. When encodes more than two audio channels, the pts difference between video and audio can easily exceed 2 seconds. If it exceeds 2 seconds, it will trigger a stop recording and cause abnormal output frames.
6. No Audio output in a specific stream.

Test Results

positive

Remaining Issues

None

Feature Release V1.7.1-11655

Release NO.

txs-00-1.7.1-11655-release-rbdb

Release Date

October 22, 2025

New Features

None

Resolved Issues

1. Fixed the coredump issue when converting H.264 standard-definition video to 720x576 resolution.
2. Fixed the issue of inaccurate interlaced/progressive scan identification for H.264 and HEVC encoded inputs.
3. Fixed the issue where when the output frame rate and scan mode are configured as ""auto"", the output scan mode does not match the input.
4. Fixed the issue where the interval (0.5 seconds) for channel log printing and output is too short.
5. Fixed the issue where when the total bitrate is configured as 0 on the page, the output bitrate mode is still displayed as CBR (Constant Bit Rate)

Test Results

positive

Remaining Issues

1. The subboard message logs failed to automatically clear, resulting in full disk space usage. The subboard could not load properly and continuously displayed "loading".
2. When the output video encoding bitrate is set to 0.48, the channel on the web management status interface repeatedly enters a locked state.

Feature Release V1.7.1-11600

Release NO.

txs-00-1.7.1-11600-release-rbdb

Release Date

August 15, 2025

New Features

1. When encoding in AVS+ format, the output resolution limit only supports 1920*1080 and 720*576

Resolved Issues

1. After decoding and encoding by GPU, the output CC subtitles are lost.
2. Fixed the issue where txs_reg restarts repeatedly during the upgrade process.
3. The high-definition to standard-definition output cannot set the aspect ratio and still outputs according to the aspect ratio of the input source

Test Results

positive

Remaining Issues

1. TXS-00 goes to Black screen/blue when AAC Main is selected on provided stream.
2. Block text on ticker letters on some channels.

Feature Release V1.7.0

Release NO.

CX2-TXS-00_V1.7.0-11238.WVUpgrade

Release Date

February 28, 2025

New Features

1. It supports the manual setting of video PID, audio PID, PCR and PID.
2. Implement transparent transmission for PID and service name.

Resolved Issues

1. Resolved the issue where the status interface displays "undefined" when AAC LC is configured for audio in the output settings.
2. The mapping of PIDs did not exclude the NULL value of 8191, resulting in PID reuse with null packets in the case of multi - audio.

Test Results

positive

Remaining Issues

None

Feature Release V1.6.50

Release NO.

CX2-TXS-00_V1.6.3-10816.WVUpgrade

Release Date

February 19, 2025

New Features

- 1.The function of connecting the CM has been added.

Resolved Issues

None

Test Results

positive

Remaining Issues

none

Feature Release V1.6.3

Release NO.

CX2-TXS-00_V1.6.3-10816.WVUpgrade

Release Date

March 28, 2022

New Features

- 1.Add the Audio delay function.

Resolved Issues

- 1.When transcoding HEVC programs into Mpeg-2 programs, there is the problem that audio and video are not synchronized.
- 2.The web interface output configuration shows that the GPU is used for transcoding, but in reality, the CPU is still used for transcoding.

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



Copyright ©2004-2025 Wellav Technologies Ltd.