

IP-8e

Release Candidate

Notes

Version 2.18-rc2

23.04.2026



IP-8e Release Candidate Notes

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Version 2.18-rc2

23.04.2026

Changed Functionality

- The NMOS implementation was updated and enhanced. Besides the already existing support for IS-05 (Device Connection Management) we do now also support IS-04 (Discovery & Registration).

The screenshot shows the 'Network Settings' page with the 'External APIs' section selected. Under 'External APIs', there are four tabs: 'SNMP', 'EMBER+', 'NMOS', and 'REST API'. The 'NMOS' tab is active. The 'Settings' section for NMOS includes:

- Enabled: ON
- NMOS port:
- NMOS Registry Interface:
- Registration mode:
- Unicast registry IP / domain name:
- Unicast registry port:
- Unicast registry version:

In addition to the manual registration mode the registration can also be done via mDNS and DHCP.

Fixed Issues

- TS Decoder: decoding of AAC may be distorted due to AAC decoder update integrated in firmware 2.18-rc1 (The AAC decoder was updated to fix issues like CSM-1581, but that update introduced new possible problems which are now fixed by another update)
- The Livewire input sources were not available for the Encoders on the Codec page
- The new file recording does support AAC, but the recorded AAC files did not show up on the Storage page
- The new file recording did not show the recording progress on the Overview page unless the file is already bigger than 1 MB
- MPEG TS encoder: fix faulty embedding of MPEG Layer 2/3 encoded data at 44.1 or 22.05 kHz sample rate in low latency bitrate priority mode



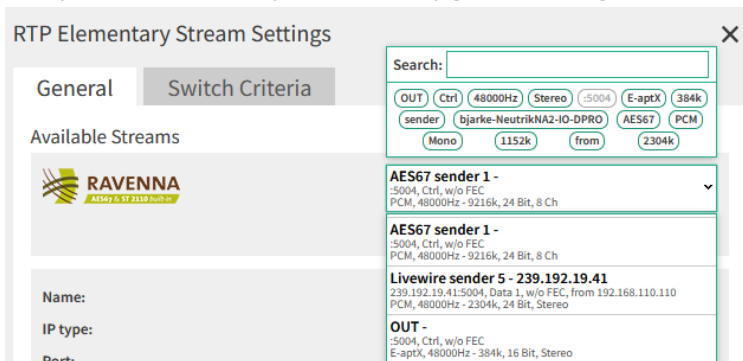
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Version 2.18-rc1

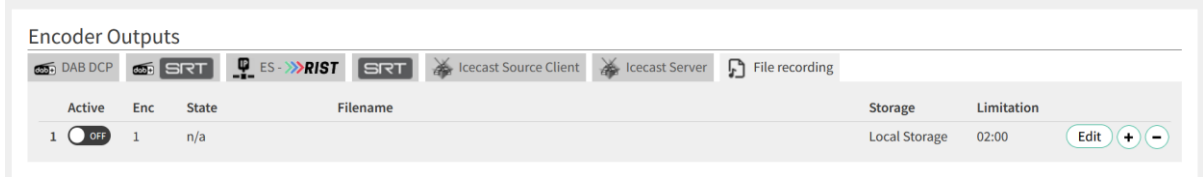
08.04.2026

New Functionality

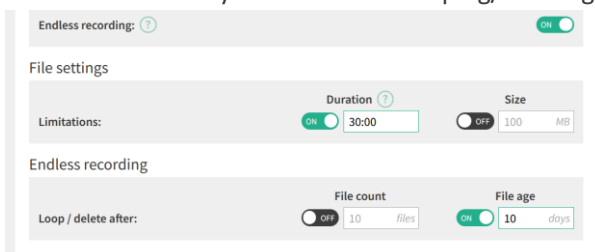
- The list of available Ravenna streams may get long. Now we've added the possibility to filter the list by a freely entered text or by automatically generated tags



- Since VERY long time there's a tab named "File" for the Encoder outputs, stating that this feature is "Not yet available". Well – that's no longer true. We renamed the feature to "File recording" and it's finally there:



Without any additional license you can do file recordings in uncompressed WAV or compressed MP3 or MP4(AAC) of a maximum length of 10 minutes. With the additional NAS license (network attached storage) you can do 24/7 recordings to NFS or S3 (or optionally to an internal SSD), letting the files be split into the size or duration of your choice and looping/deleting the files after a certain time or number of files.



- The optional SFN functionality only worked when the encoded audio was one of the hardware based audio inputs. Now it does also work for elementary stream inputs, when the stream is SMPTE ST 2110 compliant. This can now be confirmed via a new switch in the elementary stream input configuration.
- Optional DAB+ encoder: Added alarms for DAB Submux
- Optional SFN license: To enable SFN via TS, the TS Multiplexer page does now allow to configure RTCP, SFN and Global delay in case of MPE encapsulation



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Changed Functionality

- The System Information, which was formerly found under System Settings / Global, has been moved to the Status / Device page, which has been completely revised

The System Settings / Global page looks therefore of course different now, too:

Fixed Issues

- TS Decoder: decoding of AAC may stop after some stream interruptions and doesn't recover even after the incoming stream is good again (CSM-1581)
- Wrong audio track might be selected in "Service from list (fixed PID)" mode when entering TS/Demux dialog
- Enhanced compatibility of the HLS Stream decoding
- PTP not configurable when only the Livewire option is present (without the Ravenna option)
- Loading settings may be incomplete when the settings are from a different device