IQOYA SERV/LINK
Firmwares Release Notes

Firmware v04.12b003 - April 2026

⚠ Important note about the firmware update

In case you are running a firmware 4.09 or older, it is necessary to first update SERV/LINK to firmware 4.10, and then update it to firmware 4.12.

What's new

New functionality

- MPEG-TS decoding - Optional
  Possibility to decode MPEG-TS SPTS streams and one MPTS stream.
- RIST protocol - Optional
  Support of Simple and Main profiles. The main profile includes the streams encryption.
  Support of RTP/UDP streams, with or without MPEG-TS encapsulation.

Security improvements

- New feature: Fail2Ban service - possibility to ban addresses conducting too many failed login attempts via ssh or http
- Streams encryption - supported through the RIST protocol

Updates and fixes

- Change SSH password
- Minor fixes to the configuration webpage
- Minor fixes to the HA functionality
- Correction of incorrect jitter values in the Receive IP Service metrics

Firmware v04.10a001 - September 2025

⚠ Important note about the firmware update

In case you are running a firmware 3.12 or older, it is necessary to first update SERV/LINK to firmware 3.13, and then update it to firmware 4.10.

What's new

- Increase of internal RAM capability

Firmware v04.09a004 - August 2025

⚠ Important note about the firmware update

In case you are running a firmware 3.12 or older, it is necessary to first update SERV/LINK to firmware 3.13, and then update it to firmware 4.09.

What's new

- 128 virtual GPIOs are now supported (vs 32 before).
  Send & Receive instances still support 32 tunneled GPIs, but now the user can choose 32 tunneled GPIs from 128.
- The audio content of an output program can now be duplicated to several audio outputs and audio buses.
- New command set-output-channels list available from SNMP and AudioEngineControl tool. This command allows for the dynamic change of the output channels list of an output program, without any glitch on a channel that is not modified.
- UDP tunneling: 64 sockets for UDP tunneling are now supported (WEB, SNMP & audio engine).
  The SNMP disDataUdp Table is also reworked to support each socket as input or output. A new SNMP mib is available.

Firmware v04.05a001- December 2024

⚠ Important note about the firmware update

In case you are running a firmware 3.12 or older, it is necessary to first update SERV/LINK to firmware 3.13, and then update it to firmware 4.05.

What's new

- New NTP time-stamping method to be compatible with old IQOYA *LINK, when streaming from SERV/LINK to discontinued *LINK or *LINK/LE with audio synchronization based on NTP. Note that the IQOYA *LINK and *LINK/LE must run a firmware version 3.08j.
- Added EXT-X-DISCONTINUITY-SEQUENCE and EXT-X-DISCONTINUITY tags in HLS playlists
- Added decoding of HTTPS Shoutcast/Icecast streams.
- Added "Stop streaming on silence detection" function for MPEG-TS SPTS streams (Send).

- Added HE-AACv2 48000Hz Stereo 64 kb/s and HE-AACv2-ADTS 48000Hz Stereo 64kb/s audio formats
- Added AAC_LC 48000Hz Stereo 384 kb/s and AAC_LC_ADTS 48000Hz Stereo 384 kb/s audio formats
- HLS streaming: change of chunk naming for CDN delivery
  Segments are named using the stream start <Date>T<Time> as prefix.
  Exemple : 20231106T145220_p1s_000000003.ts ==> stream started the 06 november 2023 at 14h52min20s.
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Fixes

- A factory reset was not cleaning some internal files, which could cause some issues in control and configuration via SNMP.
  The decoding of a PCM_16bits/RTP IP stream generated by a SOUND4 device and received via Eth0, was leading to distorted audio. Fixed.
- SNMP daemon could crash when declaring a VLAN. Fixed.
- There were a lot of "Local clock not synched with server" and/or "Clock sync failed alarm is ON" messages in the logs. Fixed.
  New fields are available from the Preferences - Services - NTP page:
  - "Clock sync failed" alarm threshold : to set the clock sync alarm threshold
  - "Current NTP estimated error" : to display the current NTP estimated error (auto-refresh)
- It was not possible to update a MPEG-TS SPTS Send IP Service. Fixed.
- Tunneling parameters were missing in the MPEG-TS/Program Associated Data section. Fixed.
- Contribution mode: SIP accounts could unregister over the time. Fixed.
- AAC-LC_ADTS 290kbps with PTS announcement period set to 2000ms was not decoded by other devices. Fixed.
- HLS streaming: Wrong value of the #EXT-X-PROGRAM-DATE-TIME HLS TAG. Fixed.
  #EXT-X-PROGRAM-DATE-TIME HLS TAG values are now generated by reading the system date/time at each beginning of the new segment.
  Dropped segment cases are handled in a better way.
- HLS: streaming to Akamai CDN. An audio glitch was occurring approximately every hour. The encoder was not pushing the program playlist when the server was challenging the authentication at the same time. Fixed.
- HLS streaming to Akamai CDN: the chunk buffer size was too small for an MPEG_L3 320 kbps program. Fixed.

Firmware v03.12b001- November 2023

Distribution Mode

What's new

- Added EXT-X-DISCONTINUITY-SEQUENCE and EXT-X-DISCONTINUITY tags in HLS playlists.
- DHCP option 12 : IQOYA SERV/LINK now provides its hostname in its DHCP request. If the DHCP server supports DHCP option 12, it will relay this hostname to the DNS (or WINS) service.
- 802.1x network security (ie DOT1x) is now supported on each WAN network interface of the IQOYA SERV/LINK.
  Network security settings are available from Eth0 and Eth1 setting WEB pages.
  Only EAP-TLS authentication mode is supported.
  No check on identity and private key password fields (except empty field) is done.
- Network settings : IPv4 address, Subnet mask, Default gateway, Primary DNS and Secondary DNS are automatically refreshed in DHCP mode.
  It is no longer needed to manually refresh the page.

Fixes issue

- MPEG-TS: PTS counter was not correct when PTS announcement period is set at more than 1s. Fixed.
- It was not possible anymore to change the WEB Credential settings (login). Fixed.
- Broadcast traffic was not working for output UDP tunneling. Fixed.

Firmware v03.11 - January 2023

Distribution Mode

What's new

- Added "Maximum_Bitrate_Descriptor" in the PMT, and "ES_Rate_flag" in the PES for MPEG-TS MPTS and SPTS streams. By default they are enabled for the generated MPEG-TS streams, and they are disabled for HLS streams.
  It is possible to disable/enable them manually in the IQOYA configuration file (download the audio configuration, edit and modify the config file, and upload it). See user's manual.

Firmware v03.10a002- July 2022

Distribution Mode

What's new

- New menu Preferences / Services / WEB API from the WEB GUI to configure the WEB service access mode : HTTPS or HTTP. HTTPS is the default mode.
  Login and password for HTTPS are those used to access the WEB GUI.
  Login as administrator is required to modify this parameter.

Fixes issues

- Silence detection alarms are present in the log file even if these alarms are disabled from the WEB page. Fixed.
- Error 500 was returned for all the WEB API commands of the following type: api/audio_io/xxx GET command.

Firmware v03.09e002- June 2022

Fixed issue

- In contribution mode, nothing was displayed in the WEB page for the configuration of the codecs. Fixed

Firmware v03.09e001- June 2022

Fixed issue

- SSH & PHP security issues: A new dropbear version (v2022.82) and a newPHP version (7.4.29) have been implemented
- DISTRIBUTION mode
  - The maximum number of allowed HLS IP Services was not correctly counted. The send "Add IP Service" button could be disabled before the limit was reached. Fixed
  - WEB service API: No way to start/stop MPEG-TS services from the WEB service API. Fixed.

Firmware v03.09d001- February 2022

Distribution Mode

Fixed issue

- HLS streaming: HLS - "Sender - data time out" errors when the audio engine starts. Fixed.

Firmware v03.09C002- January 2022

Distribution Mode

What's new

- HLS streaming: added support for Akamai MSL4 CDN (HTTP with and without authentication - Digest SHA-256 & MD5).
- For Icecast/Shoutcast decoding, added support of the permanent redirection error code (301).

Fixed issues & improvements

- High availability service does not start since firmware version v03.08b001. Fixed.
- High availability - Added recommendation about what to do in case a unit is faulty.
- ICECAST/SHOUTCAST - It is no longer possible to enter an authentication with password and without login. Fixed.
- MPEG-TS DATA INSERTION - No payload at all (no PES) inserted in the TS packet if there is no private data available. Fixed.
- SNMP - The command SET disReceiveIpServiceStreamUrl was restarting the engine. Fixed.
- OPUSwith IN-BAND FEC was not correctly implemented (FEC was not)
- Temperature and fan status was not in accordance with the hardware platform version. Fixed.
- WEB service API: the Loss parameter is now a numerical value (like it is from the WEB page and via SNMP)
- VLAN were not up after a device powerup. Fixed.
- Attached VLANs are now restarted after a new DHCP request.

Contribution Mode

Fixed issues & improvements

- Opus: added "sprop-stereo" parameter in the SDP. This parameter is required for remotes from third party codecs (AETA).

Firmware v03.08e001- December 2021

Distribution Mode

Improvements / Fixes

- PTS calculation change for private data packet.
  Private data PES packets (and thus PTS) are now computed when tunneled data are read.
  Private data packets are still sent according to the Private data rate parameter.
- Fixed OpenSSL Memory Leak Vulnerability (Heartbleed Bug)
- OPUS with INBAND FEC was not correctly implemented (in-band FEC was not used). Fixed.
- The command SNMP SET disReceiveIpServiceStreamUrl restarts the audio engine. Fixed.
- Temperature and Fan reports were not in accordance with the SERV/LINK platform version.

Firmware v03.08c006- July2021

Distribution Mode

Improvements / Fixes

- OpenSSL Memory Leak Vulnerability (Heartbleed Bug) : lighttpd update (1.4.59) and openssl update (1.1.1k)
- Private data insertion in MPEG-TS streams: PTS calculation change for private data packet: Private data PES packets (and thus PTS) are now computed when data to be tunneled are read. Private data packets are still sent according to the Private data rate parameter.

Firmware v03.07b001- April 2021

Distribution Mode

What's new

- Insertion of data associated to audio programs in the MPEG-TS stream.
  Each program of the TS stream can contain an audio elementary stream and a data elementary stream. The data elementary stream can contain data coming from a serial port or UDP port (text, characters, commands), and/or triggers coming from physical or virtual GPI's.

The insertion of data associated with a program is configurable from the WEB page Send-> IP service.

Contribution Mode

What's new

- When a mono input is used as a source of a stereo IP audio stream, it is duplicated to the left and right channels transported by the stream.
  When an incoming mono stream is decoded to a stereo output, both the left and right output channels receive the decoded mono signal.
- When a stereo input is used as a source of a mono IP audio stream, left and right channels are mixed before mono encoding and streaming.
  When an incoming stereo stream is decoded to a mono output, the decoded left and right channels are mixed to the mono output.
  A -6dB gain is applied on the left and right channels before mixing them.

Firmware v03.06b004- March 2021

Distribution Mode

What's new

- HLS multi-bitrate encoding (one compression format per manifest), push and pull modes.
  Supported compression formats are: MPEG Layer 2 & Layer 3, AAC-ADTS (LC, HEv1, HEv2, LD, ELD).
  Up to 6 bitrates of the same audio compression can be included in a manifest.
  Parameter presets for Akamaï and AWS CDN's. Tested also with Streamguys CDN.
- Network bonding of the Eth interfaces (does not apply to Eth interfaces dedicated to AES67 or Dante). Supported bonding modes are
  - mode 1 (active-backup)
  - mode 4 (802.3ad - LACP passive mode)

Improvements & fixes

- On a SERV/LINK with MADI connectivity, changes in the assignment of the input MADI channels from the WEB page "Audio Settings -Input" were not taken into account immediately, but after a restart. Fixed.
- The WEB site was trying to reload too early during a firmware update : properties page was not well loaded. Fixed.
- FEC Stream section was displayed in UDP mode for MPEG-TS IP Services. Fixed. it is now displayed only in RTP mode.
- Audio bitrate value displayed in the WEB page "Receive - program" was not the value that was previously configured. Fixed
- When configuring an MPEG-TS IP service, the minimum bitrate value automatically calculated was not correct. Fixed.

- When configuring the DVB parameters of an MPEG-TS stream (DVB mode active), if no DVB parameter was set and settings were saved, an error message was displayed but not easily visible. Fixed.
- In the MPEG-TS FEC configuration, there was no check on the number of rows (which must be between 4 and 20). The IP service was not starting when this value was to a value lower than 4. Fixed. The validity of the value is now checked.

Contribution Mode

What's new

- Network bonding of the Eth interfaces (does not apply to Eth interfaces dedicated to AES67 or Dante). Supported bonding modes are
  - mode 1 (active-backup)
  - mode 4 (802.3ad - LACP passive mode)

Firmware v03.04e001- September 2020

Distribution Mode

What's new

- DVB mode on MPEG-TS encapsulation (send only). DVB information tables are added.

Improvements & fixes

- Characters "space" and "." are now allowed on the device name field
- VLAN's configuration was not included in the full device configuration archive

Contribution Mode

Improvements & fixes

- Vumeters did not work.
- DNS request failed when network interface was not ready

Firmware v03.03c002- September 2020

Distribution Mode

What's new

- Added MPEG_L2 32000Hz stereo 384kbps audio format.

Contribution Mode

What's new

- Support operations through IQOYA Connect

Warning

The rollback to an older firmware version is possible until firmware version 03.01b007

Firmware v03.02a007- January 2019

Distribution Mode

Improvements new since 3.01b007

- With previous versions, it was not possible to change the name of an audio bus in use. It is now possible.
- With previous versions, changing the name of an input, an output or an audiobus was causing a short break in the audio operation. This is no longer the case.
- Reactivity of actions "Stop" and "Start" on the received programs has been improved. With previous versions, it could take several seconds for a configuration with multiple receive programs.
- With previous versions, IGMPv3 settings were not available in UDP streaming mode (Receive / IP Service). IGMPv3 can now be configured for the UDP mode.

Fixed issues

- SNMP service could not be started. Fixed
- When allocating more than 9 UDP sockets for metadata insertion in IP Services, UDP ports from the 10th port were not allocated correctly. Fixed.
- With previous versions, RTP domain names for destination IP addresses were not allowed (Send / IP Service). Fixed.
- With previous versions, changing the listening port of a received IP Service via SNMP (Receive / IP Service) was failing. Fixed.

- All the lines of the log file were not displayed on the WEB page. Fixed.
  The first 1000 lines are now displayed. When scrolling to the bottom, the next 1000 lines are loaded, etc...
  Note: It is recommended to disable the auto refresh function when scrolling
- When enabling the GPIO's from the WEB GUI on a SERV/LINK unit which does not feature the hardware GPIO option, the WEB GUI hangs. Fixed.
- When enabling the GPIO's from the WEB GUI (GPIO activation - Enabled), the field "GPI transmission mode" was displayed empty once the configuration was validated. Fixed.
- In addition, if the mode "GPO reset value mode" is set to "custom values", the fields allowing the value selection are not displayed. Fixed.
- In dual streaming mode, the FEC payload type was limited to values <99 instead of 128. Fixed.

Contribution Mode

Fixed issues

- Error when starting a configuration with 32 codecs.
- IN symmetrical RTP mode with FEC, there was an error on the UDP port number used to send back an FEC stream. Fixed.
- Hangup does not work when the codec is called with a phone through an OVH SIP trunk

Firmware v03.01b007- December 2019

IMPORTANT

Upgrading to this firmware version is a two-step process:

1. **Upgrading to an intermediate v2.19d002 firmware**
2. **Upgrading to the final v03.01b007 firmware**

Once version 03.01b007 is installed on the unit, the rollback to a previous version is not possible.

What's new since 2.19

- Possibility to run the firmware in distribution mode (only mode of previous firmware versions) or in remote broadcasting mode (point to point full duplex connections through SIP, unregistered SIP, or symmetric RTP). Selectable form the WEB GUI.

Fixed issues

- Power led was remaining on after power off.

- False hardware alarms regarding power, fans and temperature.

Firmware v02.19c004- July 2019

What's new since 2.18

- SSL certificate using public key encrypted with RSA 2048 bits

Fixed issues

- Log file was not restored after a boot cycle
- 1+1 redundancy option: Error message "Paired device cannot be reached" displayed when High Availability service is running .
- 1+1 redundancy option: Audio breaks when the "slave" member joins the High Availability service .
- When using an AES/EBU input source, and when disconnecting it, the related vu-meter shows a fixed level value instead of showing no level.
- Uploading the full configuration does not restore all the config files. No error seen on the WEB, but the new configuration was not applied.

Firmware v02.18- March 2019

What's new since 2.17

- Adds support for SNMPv3. Selection of SNMPv2c / SNMPv3.

Firmware v02.17c006- February 2019

What's new since 2.16

- Support of the **"High Availability" (1+1 redundancy)** software option.
  This allows using two identical SERV/LINK units in 1+1 hot redundant mode

Firmware v02.16c006- December 2018

What's new since 2.15a

- Support of Pro MPEG COP#3.2 FEC for MPEG-TS streaming (Line, Column)

- Decoding of a stereo source (IP stream, local file) to a mono audio output or mono bus, with possibility of mixing left and right channels with a fixed attenuation of 6 dB on each channel, and additional adjustable gain.
- New “Loss” parameter management (Receive page) to avoid “long” audio breaks that were occurring after the loss of a few IP frames.
  With previous firmware versions, the “Loss” parameter, in the Receive page, could be set to Yes or No. Set to No, a single IP packet loss (after FEC/dual streaming recovery) had the effect of flushing the jitter buffer and filling it again. Set to Yes, two lost packets had the effect of flushing the jitter buffer and filling it again. This was generating audio silences that could be much longer than one or two lost audio frames, especially when the buffer of
  From this version, a duration value (expressed in ms) can be given to the loss parameter. If there is no audio packet received during the “Loss” period of time, then the jitter buffer is flushed and filled again.
  If there is no audio packet received during a period of time smaller than the Loss value, then audio silence duration on the output corresponds to the number of consecutive lost frames; the jitter buffer is not flushed. The maximum value for the “Loss” parameter is the “IP stream loss” value.
- Through SNMP, possibility to change the audio source of an IP Service that is streamed, without stopping it.
- Support of the SERV/LINK with Dante I/O’s.

Improvement

- In the MPEG-TS stream configuration page, the value for parameter “PTS announcement period” can now be between 50 and 10000ms (it was limited to 700ms).
  This typically allows to optimize the bitrate of the TS stream with AAC audio format.

Fixed issues

- For an MPEG-TS stream, parameters “Local source port” and “DSCP” could not be configured for an additional destination selected from the “Send -> IP service” page. (They were available only for the first destination). Fixed.
- Creating a second Program (Send) while a another one is used and streamed could generate a short break of the generated stream. Fixed.

Firmware v02.15a003- April 2018

Improvement since 2.13c001

- SNMP - Allows up to 70 URLs for a Send - IP service.

Known issues

- Fan and temperature alarms may be signalled although there is no fan or temperature anomaly

Firmware v02.13c001- April 2018

What's new since 2.13a003

- Added AAC bitrates (48000 Hz, stereo)
  - 116, 174, 233, 261 and 290 kbps for AAC-LC, AAC-LC_ADTS and AAC-LC_ADTS_CRC
  - 47, 58, 87, 116, 160 and 174 kbps for HE-AAC, HE-AAC_ADTS and HE-AAC_ADTS_CRC
  - 47 kbps HE-AACv2, HE-AAC_ADTSv2 and HE-AAC_ADTS_CRCv2

Firmware v02.13a003- March 2018

What's new since 2.10f003

- Virtual GPIOs.
- Send program can be used in several send IP service.
- Send silence detection are now managed with the send program. Each program can have its own settings.
- Receive silence detection are available on each receive program priority. Each priority can have its own settings.
- Backup switching settings are now available for each receive program. Each program can have its own settings.
- Direct access to the log page through the status LED.
- Multiple check-box selection with control and shift key on all list pages.
- AAC with CRC audio formats.
- PCR interval settings in Separate mode for MPEG-TS stream [40 - 100ms].
- WEB User login customization.
- Allow 44100Hz and 22050Hz encoding for HTTP Send IP Services when the audio core is running at 48000Hz. These SRC ratios are only available in HTTP streaming (not available for RTP streams and audio files).

Firmware v02.10f003- January 2018

What's new since 2.07c002

- Support of the following bitrates for ACC-LC_ADTS stereot 48 kHz:
  - 47kb/s, 58kb/s, 87kb/s, 116kb/s, 174kb/s, 233kb/s, 261kb/s, 290kb/s

Firmware v02.10e001- August 2017

Fixes 2.10d002

- WEB error "Invalid choice" when the last audio output is selected on Receive - Program

Firmware v02.10d002- July 2017

What's new since 2.07c002

- Add disCommand function. Allow to send command through SNMP to IQOYA
  Available commands are :
  - list-file [filter] : to get files present on the IQOYA (configuration files, audio files, ...)
  - apply-config [filename] : to apply a configuration file
  - restart-engine : to restart the audio engine
  - reboot : to reboot the IQOYA

Fixes & improvements since 2.07c002

- Improved SNMP processing time for each transaction (before: 4s, now : < 1s)
- Add WEB auto refresh of the Send and Receive pages
- Few fixes on SNMP
- Fixed possible crash at startup on the SERV/LINK AES67 version

Firmware v02.07c002- September 2016

What's new since 2.05f001

- Adds the support of the IQOYA *SERV/LINK 48482 4U

Fixes & improvements since 2.05f001

- Adjustment of thread process allocation for better performances
- SNMP - Now every alarm state change generates a SNMP TRAP

Firmware v02.05f001- August 2016

What's new since 2.03d001

- SNMP SET, GET and alarms support
- Possibility to include streams of different sample rates in MPEG-TS
- WEB: new program filter for MPEG-TS IP Service (Now only compatible programs are listed when MPEG-TS encapsulation is selected).
- Support of PCM_12 bits audio format.
- WEB: New certificat (HTTPS - SHA256).
- WEB: Updated help messages for PTS delay and PTS announcement period parameters.
- WEB: Change PTS delay range (new [50-2000], old [100-2000]).
- WEB: Change PTS announcement period range (new [50-700], old [100-700]).
- Reset PTS and PCR counters after device underrun
- For MPEG-TS AAC streams, ADTS encapsulation becomes mandatory

Fixes since 2.03d001

- GPIO tunneling was not working correctly
- Incorrect MPEG-TS bitrate calculation

Firmware v02.03d001- February 2016

Fixes since 2.03c009

- MPEG-TS: Adaptation Field Control values could be invalid and lead to decoding errors.

Firmware v02.03c009 - February 2016

What's new since v02.01b018

- New WEB GUI
- Internal Audio Bus support, for transcoding purpose (submitted to software licence)
- Send HTTP support: Icecast / Shoutcast
- 96 kHz support on AES/EBU *SERV/LINK versions, in AAC-LC, HE-AAC & PCM formats
- New parameter for MPEG-TS streams : number of TS packet per IP packet
- Support of *SERV/LINK MADI versions

- Streaming in UDP mode raw - send and receive
- Add fans and temperature alarms

Fixes since version v02.01b018

- UDP streams could not be received.
- Factory reset was not working
- Wrong signal levels show by the vumeters (WEB)

Firmware v02.01b018 - October 2015

Features

- Multiple encoding and streaming of any input
- Up to 64 encoding instances
- Generated streams protocols: raw RTP (ACIP), UDP, MPEG-TS/IP SPTS, MPEG-TS/IP MPTS
- RS232 and GPI status tunneling
- Three decoding priorities per output program (sources can be: IP RTP stream, IP Icecast/Shoutcast stream, audio inputs, file/playlist stored localy).
- Automatic switching to a lower decoding priority in case main IP stream is lost, with configurable switching criteria (duration of IP stream loss / recovery)
- Possibility to disable/enable any defined priority
- Possibility to stop streaming upon input silence detection with adjustable silence threshold and duration.
- Real time metrics on the received IP streams (IP services).
- Dual port redundant streaming with time diversity up to 1 second for any generated IP service.
- Automatic audio format detection on the decoder
- Adjustable jitter buffer for each received IP stream.
- Selectable FECs (from +15% to +100% IP bandwidth)
- Support of unicast, multicast, multi-unicast, and multi-multicast
- Support of IGMPv3
- VLAN Tagging + DSCP
- Support of DHCP
- Independant stop/start of the generated IP services.
- WEB user rights management
- NTP synchronization (date and time)
- Optional audio synchronization based on NTP
- Save / load audio configuration
- Remote firmware update
- Audio still active during firmware upload
- Front panel and LCD operations

- Supports the following IQOYA *SERV/LINK flavours:
  - IQOYA *SERV/LINKxx1 (AES/EBU I/Os only)
  - IQOYA *SERV/LINKxx2 (Analog and AES/EBU I/Os)

Features not included in this firmware

- SNMP (SET, GET, Traps)
- Save / load full codec configuration
- FEC Pro-MPEG Code of Practice #3 for MPEG-TS streams
- Decoding of MPEG-TS streams
- MPEG-TS encapsulation is available for the following audio formats: MPEG and AAC.
- Generation of Icecast/Shoutcast streams
- IP stream transcoding via internal busses
- Support for IQOYA *SERV/LINKxx-MADI, IQOYA *SERV/LINKxx-AES67 and IQOYA *SERV/LINKxx-AES67/MADI
- Generation of multiple MPEG-TS/IP MPTS.
  (Several MPEG-TS/IP SPTS can be generated simultaneously)
- Loading of a configuration from the front panel.
- 1+1 or N+1 hot redundancy