

IQOYA X/LINK range firmware release notes

IMPORTANT

Firmware for IQOYA codecs are delivered by Digigram technical support.

Access to new firmware versions depend on the signed "support & maintenance contract".

Firmware v03.02a007- January 2020

This firmware applies to X/LINK-ST, X/LINK-LE, X/LINK-DUAL, and X/LINK-AES67.

It allows running the codec in distribution mode (like with all previous firmware versions), or in remote broadcasting mode (live full duplex communications through SIP - registered and unregistered modes, or without SIP -symmetrical RTP).

Distribution Mode

Improvements

- 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.
- With previous versions, IGMPv3 settings were not available in UDP streaming mode (Receive / IP Service). IGMPv3 can now be configured for the UDP mode.
- 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...
- With previous versions, RTP domain names for destination IP addresses were not allowed (Send / IP Service). Fixed.
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Fixed issues

- It was not possible to change the audio format of a program used in a MPEG-TS IP Service (SPTS or MPTS). Fixed.
- Error message "You have erros in your entry..." was displayed when changing the name of an audio bus.
- When enabling the GPIO's from the WEB GUI (GPIO activation - Enabled), the field "GPI transmission mode" was displayed empty once the configuration is validated. Fixed.
- In dual streaming mode, the FEC payload type was limited to values <99 instead of 128. 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

Contribution Mode

Fixed issues

- 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- November 2019

This firmware applies to X/LINK-ST, X/LINK-LE, X/LINK-DUAL, and X/LINK-AES67



IMPORTANT

Upgrade to this firmware version is only possible if the device is running firmware version 02.01f001.

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

What's new?

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

Fixed issues for distribution mode

- SNMP service could not start (error cannot update snmpd_conf)
- Redundant power supply SNMP alarm did not work

Firmware v02.01f001- July 2019

Fixed issues

- PTP domain value published in AES67 was in hexadecimal
- Invalid channel number message for AoIP
- AES67 / Ravenna / Livewire inputs could not be used as audio sources

Firmware v02.01e001- June 2019

First released firmware version for X/LINK products