

BARIX

Instreamer ICE

Release notes

Firmware name: Instreamer ICE version 1.5
Released: 30th November 2021
Package name: Update-core-image-barix-Instreamer-ice-1.5.tar

Version overview:

Type	Filename	Version	Version Date	Comments
Firmware	Instreamer-ice-1.5-XXXXXXXXXXXXX.tar	1.5	29.11.2021	
Bootload	()	U-Boot 2017.03	15.05.2018	
Linux Kernel	()	4.10.0 GCC 6.3.0	27.08.2020 #2 SMP	
Root-FS	core-image-barix-instreamer-ice-barix-ipam400-20211129112635		29.11.2021	
Audiostreamer	audiostreamer	1.4		
Backend	instreamer-ice-webui-be	4.6-r1	29.11.2021	
Icecast	icecast	2.4.3	Jan 2016	
Frontend	instreamer-ice-webui-fe	4.6-r1	29.11.2021	
Repositories	Meta-barix meta-qiba barix-bsp-platform	Tag: core-image-barix-instreamer-ice-v1.5	29.11.2021	

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Hardware Compatibility

This firmware is fully supported on the following devices:

- M400 (Instreamer ICE)

Note: The firmware can run on any other Barix audio devices using an IPAM400 and with the corresponding license. However, functionality is not guaranteed.

New features

- Configurable NTP Servers
 - SINSTRICE-164: adding setup parameters for 3 NTP servers in Network settings
- Configurable Icecast server port
 - SINSTRICE-158: adding setup parameter for Icecast server port in Stream settings
- Adding more/higher bitrates
 - SINSTRICE-151: now bitrates up to 320 kbps configurable for MP3 and AAC+

Bugs fixed in this version

Known Bugs and Restrictions

Major

- Issue: The Instreamer ICE web UI cannot be used correctly on Internet Explorer v11.0.9600
 - Workaround: Use Chrome or Firefox
- Private certificate for HTTPS causes security alert
 - Workaround: select "ignore and continue" in Advanced browser settings
- Issue: The manual Firmware Update process cannot be used with Microsoft Edge
 - Workaround: Use Chrome or Firefox
- Issue: Metadata only work for the "Icecast Server" mode
 - Workaround: Mentioned in manual.
- Issue: This firmware v1.5 (as many other also) is a signed firmware, that means the device cannot use another firmware type or an unsigned firmware anymore !

Minor

- Issue: Listen online cache issues with Firefox, Edge
 - Workaround: Use Chrome
- Music can be heard faintly on the headset output
 - Workaround: none so far, this feature is not supported
- Setup values not stored after configuration
 - Workaround: auto-logout after timeout happened, login and reconfigure
- Wrong audio parameters used with some low bitrate mono codecs
 - Workaround: none, failure in used audio engine

Major Modifications

None.