

BARIX

Instreamer ICE

Release notes

Firmware name: Instreamer ICE version 1.4
Released: 10th November 2020
Package name: Update-core-image-barix-Instreamer-ice-1.4.tar

Version overview:

Type	Filename	Version	Version Date	Comments
Firmware	Instreamer-ice-1.3-XXXXXXXXXXXXX.tar	1.4	10.11.2020	
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-ipam400-20201110103521	?		
Audiostreamer	audiostreamer	1.3	14.08.2018	
Backend	instreamer-ice-webui-be	4.5-r1	10.11.2020	
Icecast	icecast	2.4.3	Jan 2016	
Frontend	instreamer-ice-webui-fe	4.5-r1	10.11.2020	
Repositories	Meta-barix meta-qiba barix-bsp-platform	Tag: core-image-barix-instreamer-ice-v1.4	10.11.2020	

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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. However, functionality is not guaranteed.

New features

- HTTPS Setup
 - SINSTRICE-143: adding HTTPS access for websetup
- DNS support for Icecast Source
 - SINSTRICE-134: adding DNS support in the Icecast source mode

Bugs fixed in this version

- Wrong audio parameters used
 - SINSTRICE-141/142: audio parameters fixed, used bitrates values corrected
- Cancel button not working
 - SINSTRICE-128: fixed function of the Cancel button (under Edit Stream)
- Minor cosmetic issues fixed

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.

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.