

BARIX

Instreamer ICE

Release notes

Firmware name: Instreamer ICE version 1.3
Released: 07^h June 2019
Package name: Instreamer-ice-1.3-20190607145129.tar

Version overview:

Type	Filename	Version	Version Date	Comments
Firmware	Instreamer-ice-1.3-20190607145129.tar	1.3	07.06.2019	
Bootload	()	U-Boot 2017.03	15.05.2018	
Linux Kernel	()	4.10.0 GCC 6.3.0	04.04.2019 #1 SMP	
Root-FS	(archive)			
Audiostreamer	audiostreamer	1.3	14.08.2018	Fixed leak
Backend	instreamer-ice-webui-be	4.3-r1	03.06.2019	
Icecast	icecast	2.4.3	Jan 2016	
Frontend	instreamer-ice-webui-fe	4.3-r1	03.06.2019	
Repositories	Meta-barix meta-qiba barix-bsp-platform	Tag: core-image-barix-instreamer-ice-v1.3	07.06.2019	

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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

- Listener Authentication
 - SINSTRICE-110: Dedicated \authenticate mountpoint with httpasswd authentication
- Mountpoint Relaying
 - SINSTRICE - 84: "Relay single mountpoint" was implemented
 - SINSTRICE-115: Relay stream media player was added
- Icecast Logs
 - SINSTRICE-108: "Error" and "Access" logs to monitor subscription, track errors
- Modified max number of listeners
 - SINSTRICE-112: Added 5 users

Bugs fixed in this version

- Firmware adapted to new password structure
 - SINSTRICE-101: Added scripts
- Firmware adapted to new Icecast features
 - SINSTRICE-116: Script adapted to user "Ices"

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
- 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

Major Modifications

None.