

Update Kit

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Version overview

Type	File name	Version_Date
Firmware	instreamer.rom	V03.10_20090109
WEB UI	instreamerapp.cob	V01.17_20080201
SonicIP	sonicip.cob	V01.04_20070625
FW Ext. 1	sg.bin	V06.06_20081219
FW Ext. 2	xt05.bin	V00.03_20050317
Bootloader	UNIFULL.SPB	V99.12_20070801

Content

The Update Kit comes in a ZIP file format and contains 3 sub folders:

- A) update_rescue update via web browser or rescue via serial cable
- B) versionhistory version history of each part
- C) webuidevkit web ui development kit

Installation

First extract the Update Kit using a tool like WinZIP or the like.

A1.1) How to update your device (needs a standard web browser)

Attention:

The update described below will NOT change the current configuration settings!
Reverting to Factory Defaults is not needed but recommended.

1. Open a browser and type the announced IP address into the URL field and hit the ENTER key.
2. Click on the CONFIGURATION button to enter the configuration pages.
3. Click on the UPDATE button to enter the update page.
4. Click on "Please click here to continue" to launch the update process.
The device will restart in a special mode called Bootloader showing a number counting down. Upon start up the following screen appears ready for the update process. (The word Browse may differ depending on browser and language).

Update

Resource

Browse
Upload
Reboot

Advanced Update

-
5. To upload an update click on "Browse" to locate the file you want to update. Browse to the folder "update_rescue" and choose the file compound.bin.
 6. Once selected, click on "Upload". This process can take a few minutes. After a successful upload click on the "update" link and when the Update window reappears click the "Reboot" button or if there is no button, click on Browse and select the file "reboot". The device will reboot with the new firmware.

A1.2) Advanced update

Individual files may be loaded using the Advanced Update.

1-4 Steps 1-4 above

5. Click on "Advanced Update" and the following screen appears ready for the advanced update process. (The word Browse may differ).

Advanced Update	

Target	Browse
Resource	Upload
-----	Reboot
Update	

6. For advanced updates an additional parameter is required called the "Target". This specifies where in the Flash to load the file as follows:

Type	Resource	Target
Firmware	instreamer.rom	8K
SonicIP	sonicip.cob	WEB4
WEB UI	instreamerapp.cob	WEB5

7. To make an update type in the Target and then click on "Browse" to locate the corresponding file in the "update_rescue" folder.
8. Once selected, click on "Upload". This process can take up to one minute. After a successful upload click on the "update" link and when the Update window reappears click the "Reboot" button. The device will reboot with the new resource file.

A2) How to rescue your device using Windows XP/2000/NT and serial port

Please Note:

The update described below will CHANGE the current configuration settings! Open a browser and type the announced IP address followed by "/status" into the URL field and hit the ENTER key. Print this page which contains the current configuration settings of the device in order to reenter them after the update.

1. Unplug power supply.
2. Connect the supplied serial crossover cable to your PC's serial port and to the devices serial port.
3. Start The following script in the folder "update_rescue" depending on your Barix device model and the COM port you are using:

	Instreamer	Instreamer 100 or IP Audio Module
COM 1	rescue1.bat	ipamres1.bat
COM 2	rescue2.bat	ipamres2.bat
COM 3	rescue3.bat	ipamres3.bat
COM 4	rescue4.bat	ipamres4.bat

4. A message 'Waiting for the device' will be shown on the bottom of the screen.
5. Plug in the power supply now.
6. Wait until a message 'SUCCESSFUL' appears on the second line.
7. Close the rescue program.
8. Unplug power supply.
9. Plug in the power supply.
10. Your device is set to factory defaults and should work now.
If it does not work, please contact info@barix.com.
11. Reconfigure the Instreamer to your last configuration (see note above).

A3) How to rescue your device (Linux and other POSIX systems, serial port)

1. Unplug the power supply
2. Connect the supplied serial crossover cable to your PC's serial port and to the devices serial port.
3. change directory to update_rescue/linux (cd update_rescue/linux)
4. Start the program according to README
5. Plug the power supply now in, as the program says.
6. Wait until the program finishes
7. Your device is set to factory defaults and should work now. If it doesn't work, or the program unexplainedly fails, please contact info@barix.com
8. Reconfigure the Instreamer to your last configuration (see note above).

B) Version history

The folder "versionhistory" contains a version history text file for each part of the Update Kit.

C) WEB UI Development Kit (to customize UI appearance)

Download the WEB UI Development Kit Manual from www.barix.com, read it carefully and follow the steps to customize the devices UI (User Interface).

D) Copyright information

D1) GPL-covered files

In the directory update_rescue/, the directory linux/ and files ipamres?.bat, load_win.exe, rescue.bat, and rescue?.bat are copyright (C) 2006, Barix AG. The file update_rescue/cygwin1.dll is copyright 2000-2005 Red Hat, Inc.

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D2) Remaining files

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