

FIRMWARE UPDATE MANUAL

SmartGen 6.0



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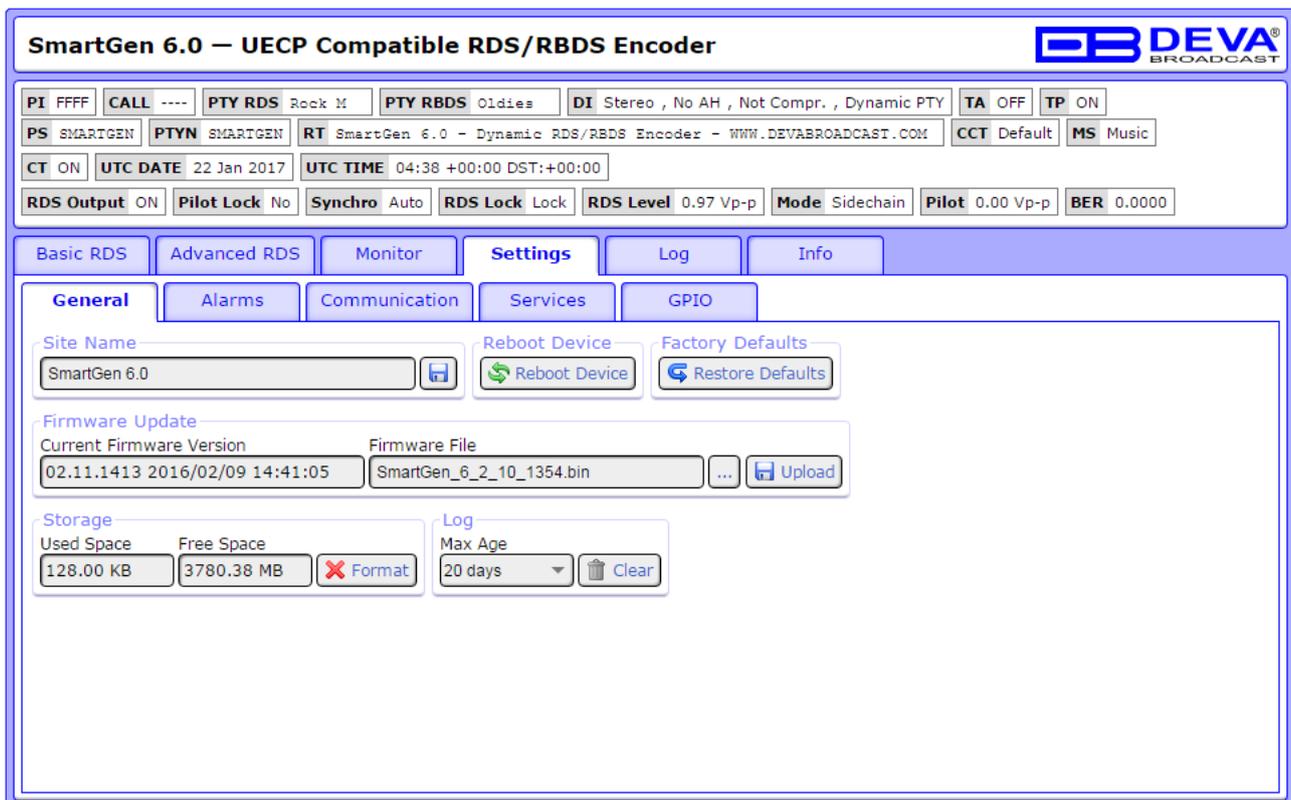
Firmware updating using WEB browser.

To access Device Web Interface it is necessary to know what IP address is assigned to device. Into browser's address field type device IP, e.g. http://192.168.20.16. Depending on browser it may be required to specify port, which is appended after IP address and in our default case must be :80.

ATTENTION: Depending on Internet Protocol Settings, assigned IP address may not be visible outside your local network, thus device may be accessed only within that network. Consult with your network administrator for the appropriate IP settings.

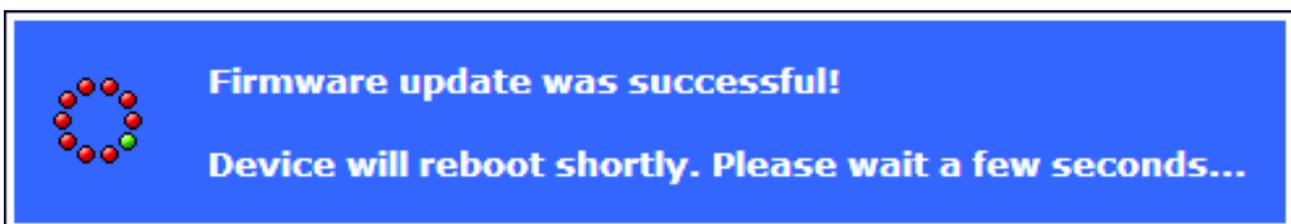
1. Go to the embedded SmartGen 6.0 web page and click on "Settings" tab.
2. Click on "General" tab.
3. Click on "Firmware File" edit field or on "..." button and select the file with SmartGen 6.0 firmware update.
4. Click on "Upload" button and wait until uploading process complete.

The screen looks like the one shown below:



The screenshot displays the SmartGen 6.0 web interface. At the top, it reads "SmartGen 6.0 – UECP Compatible RDS/RBDS Encoder" and features the DEVA BROADCAST logo. Below this is a configuration bar with various parameters: PI (FFFF), CALL (----), PTY (RDS Rock M), PTY (RBDS Oldies), DI (Stereo, No AH, Not Compr., Dynamic PTY), TA (OFF), TP (ON), PS (SMARTGEN), PTYN (SMARTGEN), RT (SmartGen 6.0 - Dynamic RDS/RBDS Encoder - WWW.DEVABROADCAST.COM), CCT (Default), MS (Music), CT (ON), UTC DATE (22 Jan 2017), UTC TIME (04:38 +00:00 DST:+00:00), RDS Output (ON), Pilot Lock (No), Synchro (Auto), RDS Lock (Lock), RDS Level (0.97 Vp-p), Mode (Sidechain), Pilot (0.00 Vp-p), and BER (0.0000). A navigation menu includes tabs for Basic RDS, Advanced RDS, Monitor, Settings (selected), Log, and Info. Under the Settings tab, there are sub-tabs for General (selected), Alarms, Communication, Services, and GPIO. The General section contains: Site Name (SmartGen 6.0), Reboot Device (Reboot Device button), Factory Defaults (Restore Defaults button), Firmware Update (Current Firmware Version: 02.11.1413 2016/02/09 14:41:05, Firmware File: SmartGen_6_2_10_1354.bin, Upload button), Storage (Used Space: 128.00 KB, Free Space: 3780.38 MB, Format button), and Log (Max Age: 20 days, Clear button).

4. When the upload is completed, the following screen will appear:



A blue banner with a circular icon of red and green dots on the left. The text reads: "Firmware update was successful! Device will reboot shortly. Please wait a few seconds..."

5. After few seconds the upgrade process will be completed. If the upgrade is successful the SmartGen 6.0 Main page will be loaded.