



## Release Notes

# Store&Play application v1.61

|                         |                                     |  |                                       |
|-------------------------|-------------------------------------|--|---------------------------------------|
| <b>Firmware Name</b>    | Store&Play application v1.61        |  |                                       |
| <b>Release Date</b>     | 28 <sup>th</sup> December 2015      |  |                                       |
| <b>Package Name</b>     | system_update-v1.61.pkg             |  |                                       |
| <b>Version Overview</b> | <b>Component</b><br>S&P Application | <b>Description</b><br>Main application | <b>Version Date</b><br>v1.61_20151228 |

# 1. Hardware Compatibility

This firmware is intended to run on the following BARIX hardware:

- “*Exstreamer Store&Play*” IPAM 390 based Exstreamer 100L

# 2. New Features and Improvements

Compared to the previous version of Store&Play (v1.55-S):

- #630 Re-type web UI password for verification when setting password
- #856 Disabled “Reboot” and “Factory Defaults” buttons in the web UI according to the Security settings
- #923 Syncing NTP time to RTC more often
- #1803 User Agent and Pragma for channel selection and refreshing URL playlist periodically
- #1935 Possibility to manually perform a File System Check (FSCK) from the web UI and automatically at every reboot.
- #1937 From version 1.61 onwards, all Store&Play firmware versions include the Streaming functionality

### 3. Bugs fixed in this version

Compared to the previous version of Store&Play (v1.55-S):

- #573 Removed audio glitch after end of Playlist
- #652 and #1920 Added possibility to reset volume to Playlist Volume
- #762 Improved time format validation
- #763 FAT file clean-up module is now case insensitive
- #791 Improved FAT file system recognition
- #825 and #879 Cleaned up buffer error logs at end of each song
- #834 Reviewed BariMon *missing\_music\_files* and *total\_files* parameters
- #851 Fixed situation with playback of Tracks at wrong speed
- #892 Variable LOCALTIME changes affecting downloads
- #907 Changes in music parameters applied 1<sup>st</sup> time after update
- #911 Variable LOCALTIME=0 is now accepted
- #1388 Added RTP multicast stream support
- #1781 Keep reporting to BariMon after changes in Network settings
- #1916 File clean-up not executed if there are missing playlists
- #1917 BariMon raises alarm when there are missing playlists
- #1918 BariMon report interval applied immediately
- #1919 CONFIG\_UPDATE interval less than 1min not allowed
- #1938 Disabled EPSV (Extended Passive mode) for FTP connections
- #1950 Ability to download more log entries from LOGS tab
- #1958 Improved audio format detection
- #1959 Decoder doesn't discard any audio frame
- #1960 Improved decoder error handling
- #1985 Improved parsing of Playlist Start and End times
- #2001 Improved parsing of BARIX playlist configuration line
- #2006 Improved RTC writing mechanism

## 4. Other remarks and known issues

These known issues will be resolved in future versions:

- #576 Web UI activity while downloading can cause audio impairments
- #694 Using “=” in a password can break password parsing
- #783 USB usage info is different depending on FS used (FAT or EXT4)
- #1999 The download window is not always respected
- There is an issue when formatting the mSD card or USB stick. If the user navigates away from the web UI’s DEFAULT page while the formatting is still running, the process will halt and the application will not be able to use the media. A new complete “Format” of the affected media is required in order to solve the situation
- Updating devices to v1.61 require:
  - Performing the web UI update twice due to some limitation in the old update module. Using the USB update method only requires one single update
  - “Factory Defaults” and “Reboot” after the update process has finished in order to be able to use the application with default parameters in the new configuration settings

## 5. Legal Information

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