

# FIRMWARE RELEASE NOTES

## Wideye<sup>TM</sup> iSavi Satellite Terminal

Provided by



Firmware Version : R01.0.2

Release Date : 29 January 2015

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## Firmware download information

1. Download the Firmware version R01.0.2 from the following websites:
  - <http://www.bluecosmo.com/satellite-hotspots/wideye-isavi-isathub-portable-satellite-internet-terminal#firmware>
  - <http://www.wideye.com.sg>
    - a. Click on “Support > Downloads” to go to the firmware download options
  - <http://www.inmarsat.com/support/bgan-firmware>
2. Please refer to Appendix A for firmware upgrade instructions

## Enhancements and bug fixes in this release

*The enhancements and bug fixes included in this release (compared to the earlier firmware release R01.0.1) are the following:*

- Stability improvements with updated BGAN protocol stack
- Included HTTP/HTTPS hostname filtering feature to firewall
- Included backup/restore option to firewall settings
- Included warning message page when browsing web pages without active data connection
- Improved call handling by releasing an ongoing call when connected smart device is no longer within WiFi coverage
- Included improved battery charging/discharging management
- Improved satellite pointing algorithm via pointing LEDs
- Improved handling of multi-language characters when sending messages via Voice App
- Support BGAN specific error codes via Voice App
- WEB MMI login password recovery token extended to 24hrs
- GPS can be appended when sending SMS via WEB MMI
- Fixed an issue of not able to set WiFi encryption type to AES (CMP)
- Changed “Terminal to SIM” to “Terminal PIN” under SETTINGS - > Security
- Enhanced telnet security
- Other general bug fixes and improvements

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## APPENDIX A – Firmware Upgrade Instructions

### 1. Entering Safe Mode

1.1 Connect your personal computer to the Wi-Fi of your iSavi™.

1.2 Login to Web MMI by typing `http://192.168.1.35` or `http://iSavi` into the address bar of the web browser.

1.3 Navigate to **Settings > Terminal Settings> Firmware Upgrade** to perform firmware upgrade. Your iSavi™ will reboot into safe mode once you click the Firmware Upgrade button.

Note: Please have the external power adapter connected before starting the firmware upgrade process

The screenshot shows the 'Terminal Settings' page for iSavi™. At the top, there is a navigation bar with links for HOME, DATA, TELEPHONY, SMS, SETTINGS, and LOGOUT. Below this, the 'Terminal Settings' header is displayed. Three main settings are listed: 'Reboot Terminal', 'Factory Reset', and 'Firmware Upgrade'. The 'Firmware Upgrade' section is expanded, showing a warning message: 'Need to reboot in the Firmware Upgrade Mode (Safe Mode). Please do it manually if reboot failed.' Below the message is a 'Firmware Upgrade' button. A red 'Disclaimer' section follows, stating that the user is responsible for the risk of upgrading the firmware and providing contact information for technical support.

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- 1.4 All of the four Antenna Pointing LEDs are in AMBER colour when Safe Mode is triggered successfully.
- 1.5 Connect your personal computer to the Wi-Fi of your iSavi™ .
- 1.6 Login to the Web MMI in safe mode by typing <http://192.168.1.35> or <http://iSavi> into the address bar of any web browser.

## 2. Starting Firmware Upgrade

- 2.1 Browse to the file location of the new firmware, select and click Upload

Note: Please have the external power adapter connected while upgrading the firmware

HOME    SETTINGS ▾    LOGOUT

## Firmware Upgrade    iSavi™

New Firmware package to upload:  ISAVI-R01.0.2.isv

**Disclaimer**

Please be informed that firmware upgrading is done at your own risk and the equipment manufacturer will not be held responsible for any possible malfunction or damage to the system due to upgrading the firmware.

If you encounter any problems or have any questions, please contact the equipment distributor for technical support.

- 2.2 The Web MMI will start transferring the firmware to your iSavi™.

HOME    SETTINGS ▾    LOGOUT

## Firmware Upgrade    iSavi™

Transferring Firmware Upgrade Package

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2.3 Firmware upgrade process will start once the firmware is successfully transferred.

The screenshot shows the 'Firmware Upgrade' page for iSavi™. At the top, there are navigation links for 'HOME', 'SETTINGS' (with a dropdown arrow), and 'LOGOUT'. Below the title bar, there are two progress bars. The first bar is labeled 'file2 (3/12)' and shows a progress of '1/13380894 - 0%'. The second bar shows a progress of '4989249/21895168 - 22%'.

2.4 Firmware upgrade will take less than 10 minutes to complete. You will be prompted with the result: **Firmware Upgrade Completed** message.

The screenshot shows the 'Firmware Upgrade' page for iSavi™. At the top, there are navigation links for 'HOME', 'SETTINGS' (with a dropdown arrow), and 'LOGOUT'. Below the title bar, there are two progress bars. The first bar is labeled 'files (12/12)' and shows a progress of '7/7 - 100%'. The second bar shows a progress of '21895168/21895168 - 100%'.

## Result: Firmware Upgrade Completed

[Reboot Terminal](#)

2.5 Reboot your iSavi™ by clicking the **Reboot Terminal** to complete the firmware upgrade process.

**NOTE:** Please contact [support@wideye.com.sg](mailto:support@wideye.com.sg) for more details on any of the information stated in this firmware release notes.