

Wideye™ SABRE™ RANGER Terminal Firmware Version R72.4.6 : Information Bulletin 1 November 2012

Firmware download information

1. Download the firmware version R72.4.6 from any one of the following websites:
 - <http://www.inmarsat.com/Support/BGAN/>, click on “**Firmware**” to go to the firmware download page, or
 - <http://www.wideye.com.sg/>, click on “**Support**” to go to the firmware download page.
2. Use the Wideye SABRE Firmware Upgrade Utility to upgrade the firmware. You can obtain this either
 - from the product CD supplied with your SABRE RANGER, or
 - extract it by unzipping the firmware package downloaded as part of step 1.
3. Read and follow the instructions in the document ‘**SABRE RANGER Firmware Upgrade Procedure**’, downloaded as part of step 1. This explains how to install the new firmware using the Upgrade Utility.
4. After firmware upgrade is completed, please perform ‘factory reset’ before using the terminal.
5. The latest User Guide and Quick Start Guide of SABRE RANGER can be downloaded from <http://www.wideye.com.sg/>, at “**Support > Downloads > Manuals**”.

NOTE: This Firmware release should be installed only on Wideye™ SABRE RANGER terminals.

Enhancements and fixes included in this release

The enhancements and bug fixes included in this release as compared to the earlier release R71.0.4 are the following:

- Included enhanced exception handling to offer improved system reliability for M2M operation.
- Included improved health monitoring and watchdog mechanisms, including IP watchdog to ensure data connection reliability.
- Included enhancements to have easy access to “Safe” mode.
- Fixed a bug that causes the “auto PDP activation mode” to change to “manual PDP activation mode” upon receiving SMS activation command.
- Included a safe recovery mechanism when the WebConsole admin password is forgotten.
- Enhanced event and error logging mechanism.
- Fixed a bug that causes the Primary Profile configuration on WebConsole being retained during factory reset.
- Fixed a bug that causes WebConsole not able to decode certain types of received SMS.
- Fixed bug that causes “Auto network registration upon power on” on WebConsole under “Setup > Terminal Info” is not in-synch with similar setting on other WebConsole page.
- Included enhanced handling of SMS commands including SMS acknowledgement for all SMS commands.

- Included configurable subnet mask.
- Included configurable WebConsole port number.
- Included option to enable or disable SMS acknowledgement.
- Included monitoring of incoming data to ensure reliability of the data connection.
- Included improvement on WebConsole to automatically disable IP watchdog settings when Single User mode is selected.
- Included Improvement on Webconsole login process.
- Fixed a bug that causes WebConsole secondary profile tab displays "Deactivate" when Primary PDP context is already deactivated by Network.

(Continue) Enhancements and bug fixes as compared to the earlier release R72.4.0

- Included option to read and change the default APN value via SMS Commands
- Included improvement to clear the SMS composer content and phone numbers after a SMS has been successfully sent.
- Included retry mechanism for checking PIN status (at+cpin) to avoid "error executing at+cpin, response: ERROR" error message box when starting Web console.
- Fixed a bug that causes phonebook records sometimes cannot be deleted.
- Fixed a bug that causes Web console banner icons sometimes remained grey after bearer found.
- Included improvement to port forwarding settings such that the changes are saved immediately upon selecting 'apply'.

NOTE: Please contact support@wideye.com.sg for more details on any of the information stated in this firmware Information Bulletin.