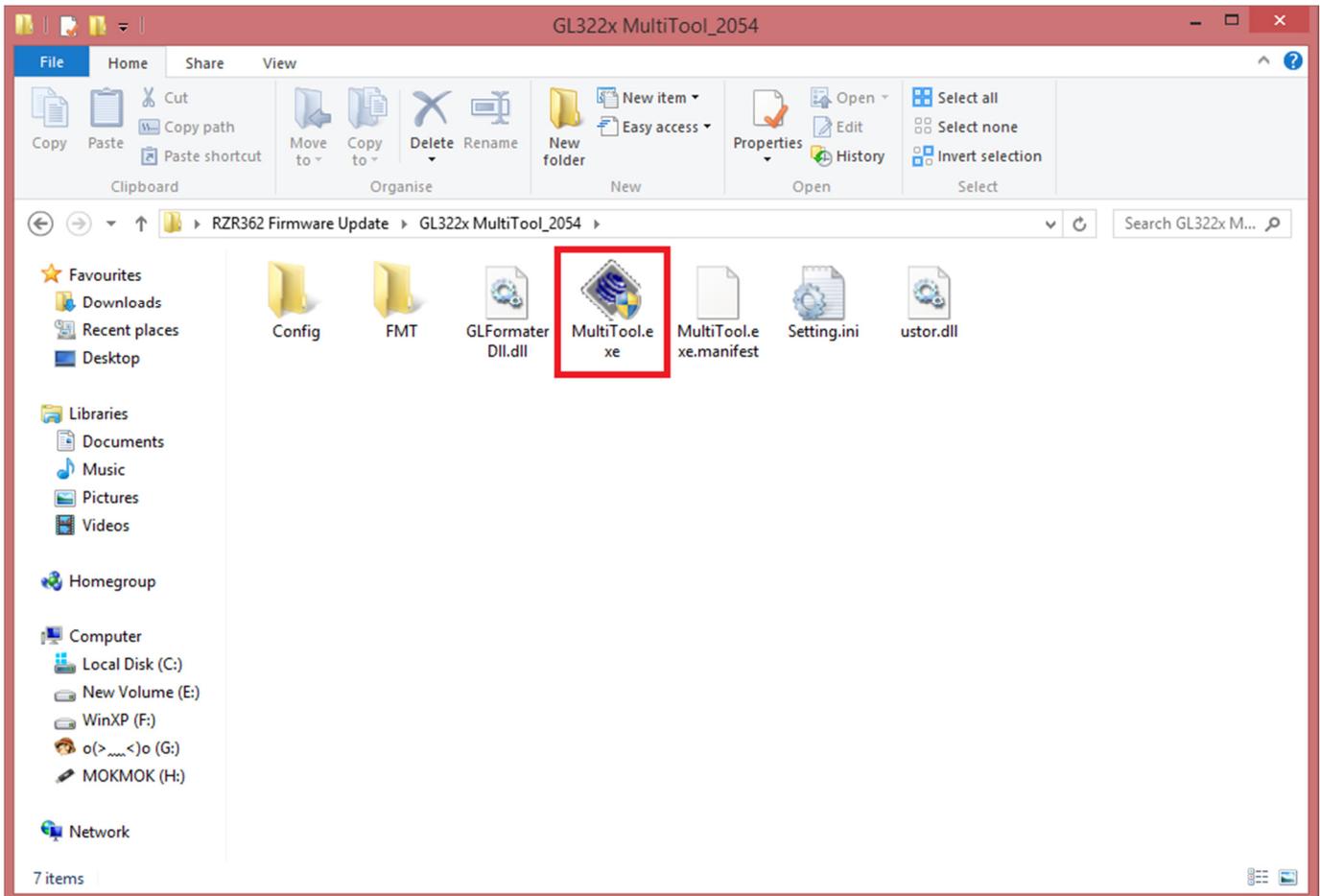


# RZR362 Firmware Update Introduction

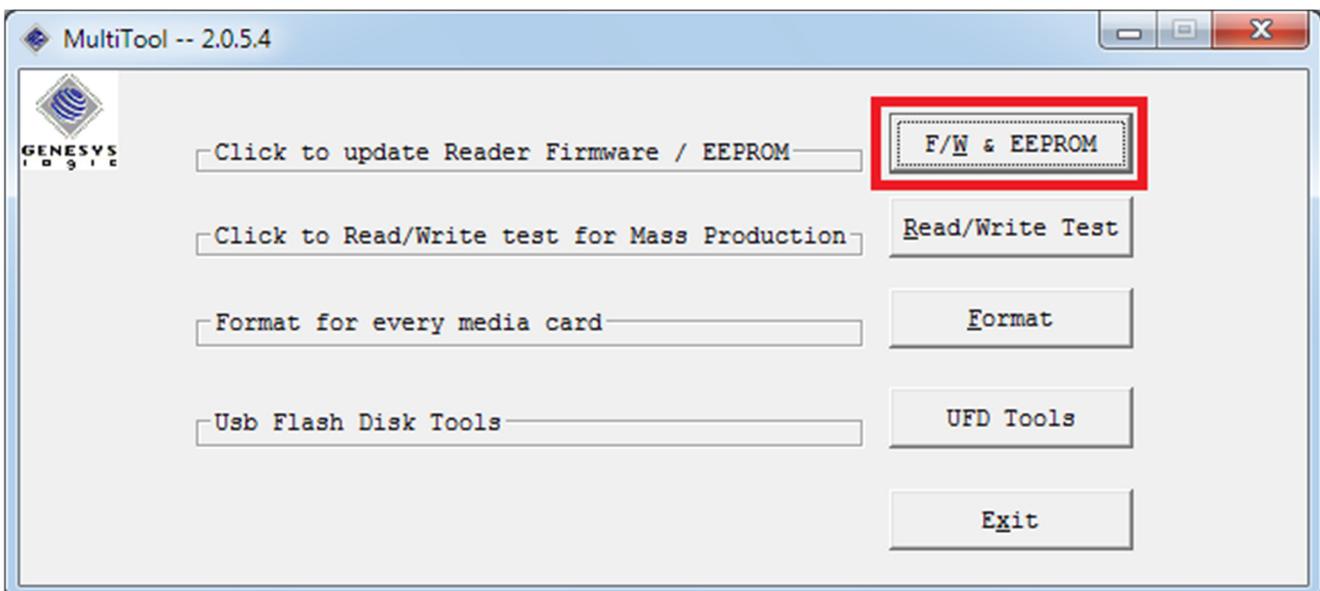
## Installation and Execution

MultiTool is assist your Card Reader configures and controls firmware update. Please follow the five steps to update and verify your firmware. After these five steps, your firmware should be correctly written.

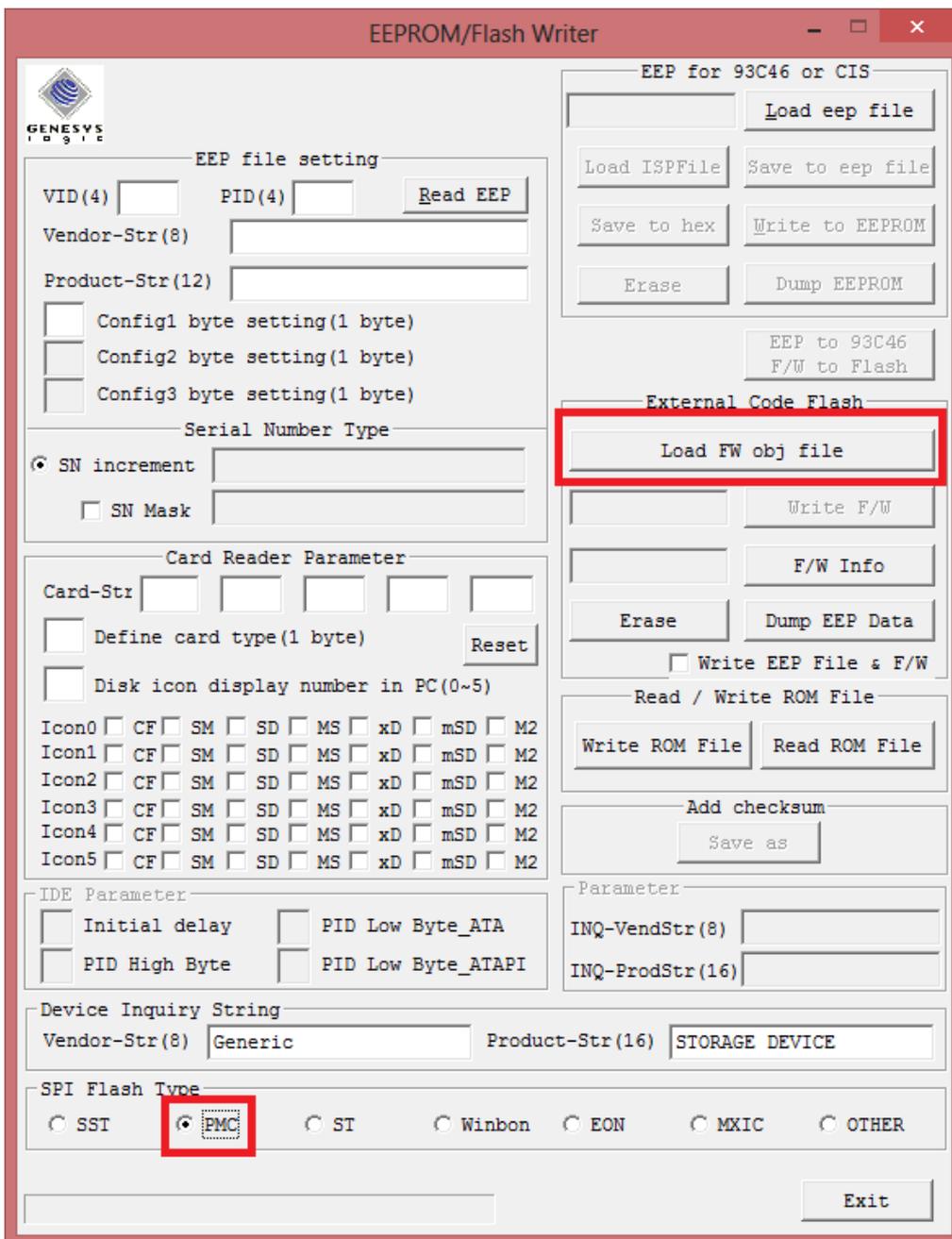
### 1. Connect the card reader to available USB 2.0 port and Open the (Multitool.exe).



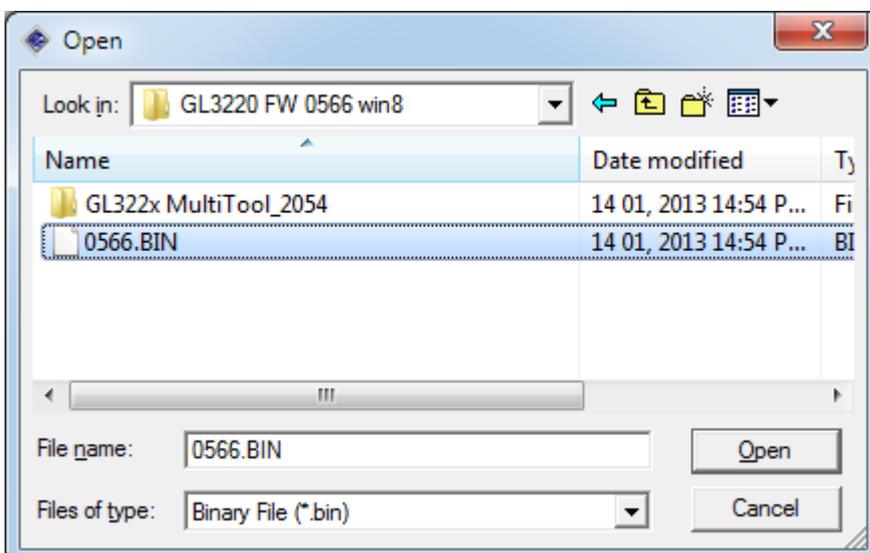
### 2. Choose the (F/W & EEPROM).



3. At the (SPI Flash Type) Choose (PMC) and at the (External Code Flash) choose (Load FW obj file).



4. Load the target (0566.BIN) file.



5. Click the (Write F/W) to start update the firmware.

The screenshot shows the EEPROM/Flash Writer software interface. The title bar reads "EEPROM/Flash Writer --> C:\Users\Mok\Desktop\RZR362 Firmware U...". The interface is divided into several sections:

- EEP file setting:** Includes fields for VID(4), PID(4), Vendor-Str(8), and Product-Str(12). There are checkboxes for Config1, Config2, and Config3 byte settings, and a "Read EEPROM" button.
- Serial Number Type:** Includes a radio button for "SN increment" and a checkbox for "SN Mask".
- Card Reader Parameter:** Includes fields for Card-Str, checkboxes for "Define card type" and "Disk icon display number", and a "Reset" button.
- Icon Settings:** A grid of checkboxes for Icon0 through Icon5, each with sub-options for CF, SM, SD, MS, xD, mSD, and M2.
- IDE Parameter:** Includes checkboxes for "Initial delay", "PID High Byte", "PID Low Byte\_ATA", and "PID Low Byte\_ATAPI".
- Device Inquiry String:** Includes fields for Vendor-Str(8) (set to "Generic") and Product-Str(16) (set to "STORAGE DEVICE").
- SPI Flash Type:** Includes radio buttons for SST, PMC (selected), ST, Winbon, EON, MXIC, and OTHER.
- EEP for 93C46 or CIS:** Includes a "Load eep file" button and buttons for "Load ISPFile", "Save to eep file", "Save to hex", "Write to EEPROM", "Erase", and "Dump EEPROM".
- External Code Flash:** Includes a "Load FW obj file" button, a list of files (0566.BIN), and a "Write F/W" button (highlighted with a red box). Other buttons include "F/W Info", "Erase", "Dump EEPROM Data", and a checkbox for "Write EEPROM File & F/W".
- Read / Write ROM File:** Includes "Write ROM File" and "Read ROM File" buttons.
- Add checksum:** Includes a "Save as" button.
- Parameter:** Includes fields for INQ-VendStr(8) and INQ-ProdStr(16).
- Exit:** A button at the bottom right.

After successfully write the target firmware, there will be a big green “OK” shown in the bottom of the page. Please note that you must replug again to validate the updated firmware.

The screenshot displays the EEPROM/Flash Writer software interface. At the top, the title bar reads "EEPROM/Flash Writer --> C:\Users\Mok\Desktop\RZR362 Firmware U...". The main window is divided into several sections:

- EEP file setting:** Includes fields for VID(4), PID(4), Vendor-Str(8), and Product-Str(12). There are checkboxes for Config1, Config2, and Config3 byte settings. A "Serial Number Type" section has "SN increment" selected and "SN Mask" unchecked.
- EEP for 93C46 or CIS:** Contains buttons for "Load eep file", "Load ISPFile", "Save to eep file", "Save to hex", "Write to EEPROM", "Erase", and "Dump EEPROM". A button "EEP to 93C46 F/W to Flash" is also present.
- External Code Flash:** Features a "Load FW obj file" button, a text field containing "0566.BIN", and a "Write F/W" button.
- Card Settings:** Includes "Card-Str", "Define card", and "Disk icon" options. Below are rows for Icon0 through Icon5, each with checkboxes for CF, SM, SD, MS, xD, mSD, and M2.
- IDE Parameter:** Has checkboxes for "Initial delay", "PID High Byte", "PID Low Byte\_ATA", and "PID Low Byte\_ATAPI".
- Device Inquiry String:** Fields for "Vendor-Str(8)" and "Product-Str(16)".
- SPI Flash Type:** Radio buttons for SST, PMC (selected), ST, Winbon, EON, MXIC, and OTHER.
- Bottom Status:** A progress bar is filled with blue, and the text "F/W[with EEP] Program and Verify finished." is displayed. A large green "OK" button is prominent, along with a smaller "Exit" button.

An "Info" dialog box is overlaid in the center, with the text: "You must replug-in device for new firmware validate." and an "OK" button.