DG1000Z Firmware Update

Date: 01.26.2015

Solution:

Here is the firmware update process for the Rigol DG1000Z Arbitrary Waveform Generator.

The USB stick should be FAT32 format and clear of any files and folders prior to beginning.

Check the versions on the instrument:

1. Press Utility > Down Arrow > System Info to access the system information screen.

2. To expand the information, Press the menu softkeys 1-3-5 as shown below:

3. The version information is displayed as below:

"Bootloader" = "Bootloader"

"Software" on the instrument = "Normal" zip file label

4. If the bootloader version matches the current revision, you can skip to "Update the Normal file" instructions.

Update the Bootloader File:

1. Copy the AROWANAUpdate.GEL file from the DG1000Z(Software)Update (Bootloader) folder to the root directory of a USB flash drive

2. Plug the instrument in to an uninterruptible power supply and turn the instrument on.

   WARNING! Don't power cycle or disturb the instrument until the upgrade is complete.. as the instrument can be damaged.

3. A RIGOL logo will appear and below the logo will appear several ellipses (…), when the third point appears , quickly press the HELP key repeatedly till the message "please insert USB disk with the upgrade file" appears :

4. Insert the USB flash with the bootloader update file. If all of the lights illuminate, the bootloader files are the same version.

5. After the update is complete, the DG1000Z will reboot automatically

Update the Normal File:

1. Copy the AROWANAUpdate.GEL file from the DG1000Z(Software)Update (Normal) folder to the root directory of a USB flash drive

2. Plug the instrument in to an uninterruptible power supply and turn the instrument on.

   WARNING! Don't power cycle or disturb the instrument until the upgrade is complete.. as the instrument can be damaged.

3. A RIGOL logo will appear and below the logo will appear several ellipses (…), when the third point appears , quickly press the HELP key repeatedly till the message "please insert USB disk with the upgrade file" appears:

4. Insert the USB flash with the normal update file.
   If all of the lights illuminate, the bootloader files are the same version.

5. After the update is complete, the DG1000Z will reboot automatically

6. After the update is complete , you can check the firmware information by pressing Utility > Down arrow to menu page 2/2 > System Info

   Note: Don't power off or move the USB flash during updating

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