

Unitronics UCR Routers – Firmware Upgrade Process

Introduction

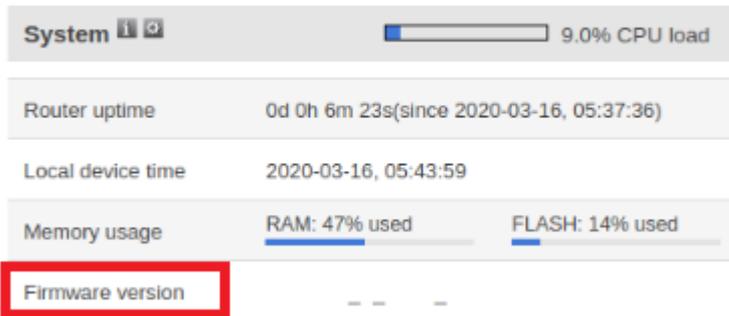
This procedure describes the necessary steps required to upgrade Unitronics UCR Routers from firmware version 6 to firmware version 7.

Upgrade Steps

1. Verification

- a. Login into the router web user interface.
- b. On the “**Overview**” page, check the current “**Firmware Version**” under the “**System**” section.

Overview



System ⓘ ⓘ		9.0% CPU load
Router uptime	0d 0h 6m 23s(since 2020-03-16, 05:37:36)	
Local device time	2020-03-16, 05:43:59	
Memory usage	RAM: 47% used	FLASH: 14% used
Firmware version	-- --	

- c. UCR version 6 firmware versions are:
 - i. B5 Models: **UCR_R_17.01.12.XXX**
 - ii. B8 Models: **UCR_R_51.06.06.XXX**

Make sure that the current router firmware meets the above format.

- d. UCR Router has firmware earlier than:
 - i. B5 Models: **UCR_R_17.01.12.123**
 - ii. B8 Models: **UCRBB_R_00.06.09.5_WEBUI – Transition version only!**

For the B8 models, if the verification process fails, first upgrade to the above-mentioned version and perform the version 7 upgrade again. Please pay attention, this intermediate version login password might change to admin01.

- e. Download the latest firmware files from: <https://www.unitronicsplc.com/routers/> website. Extract the firmware files to your local drive.
- f. To upgrade the firmware, **System** -> **Firmware**, select the “**upgrade from file**” and choose the relevant firmware file.

Firmware

Current Firmware Information		Firmware Available On Server	
Firmware version		Firmware version	No update available
Firmware build date	2018-12-11, 07:38:19		
Kernel version	3.18.44		
Bootloader version	3.0.1		

[Check for new FW](#) 

Firmware Upgrade Settings

Keep all settings

Upgrade from server

- g. Press the **“upgrade”** and confirm the upgrade process after successful firmware verification done by the router.

Firmware upgrade - verification succeeded

The new firmware image was uploaded successfully. **This is the last chance to abort the firmware upgrade if required.** Click “Upgrade” below to start the firmware upgrade procedure.

- Checksum: 8d91895709d73a5d5fbf9da788039422
- Size: 11.50 MB (15.19 MB available)
- All configuration files will be kept.

- h. Wait for the router to reboot.