

# WiBox Upgrade Notice

The WiBox 6.0.0.x firmware image is considerably larger than previous WiBox firmware images. The larger code requires users to keep a copy of the firmware image in FLASH while downloading and programming a new version in case the download fails. Additionally, space has been reserved for future firmware expansion. The increased code space allocation results in a one time only reduction of web pages.

These considerations make switching between pre-6.0.0.0 and 6.0.0.0 and later versions irregular. Therefore, the destination file code has changed from W1 to W4.

## Upgrading to 6.0.0.x from pre-6.0.0.0

### Network upgrade

The pre-6.0.0.0 is not able to load a firmware image larger than 64 KB, so it must be loaded to WEB4.

**Note:** in the instructions below, replace `<wbx rom filename>` with the correct firmware filename as downloaded from the Lantronix Web Site.

#### Using TFTP

1. Use the command:  
`tftp -i <ip address> put <wbx rom filename> WEB4`
2. Reboot the unit manually

#### Using DeviceInstaller:

1. Do not select a **rom** or **fwx** file.
2. Go to **Install files contained in COB partitions**.
3. Select partition **#4**.
4. Click **Set Partition**.
5. Change **Files of type** to **All files**.
6. Browse to the `<wbx rom filename>` and select the file.
7. Click **Open**, click **Next**, and click **Next** again.
3. Once the file downloads successfully, reboot the unit manually.

### Serial upgrade

Use the Advanced Recovery feature of DeviceInstaller 4.0.0.6 and later as instructed in the *WiBox User Guide*.

## Upgrading from 6.0.0.0 and later

To reflect the up-downgrade incompatibility between pre-6.0.0.0 firmware and 6.0.0.0+ firmware, the TFTP destination file has been changed from **W1** or **W3** to **W4**.

## Network upgrade

Use the command: `tftp -i <ip address> put <wbx rom filename> W4` or the Device Installer upgrade feature. DI 4.0.0.6 and later support the **W4** destination file.

## Serial upgrade

Use the Advanced Recovery feature of DeviceInstaller 4.0.0.6 and later as instructed in the *WiBox User Guide*.

## Downgrading from 6.0.0.0 and up to pre-6.0.0.0

The only correct way to downgrade from 6.0.0.0 and up to a pre-6.0.0.0 version is to use the Advanced Recovery feature of DeviceInstaller 4.0.0.6 and later. Advanced Recovery on older DeviceInstallers might not downgrade correctly.

## Web pages

Due to the extra space taken by the firmware, the number of web pages has been reduced from 28 to 19 on WiBox option 1 and from 60 to 51 on WiBox option 2.

Also, the start of the web pages has been moved in FLASH, requiring a reload of any loaded web pages after the firmware upgrade. Follow regular TFTP or DeviceInstaller procedures.

## WLAN Country setting

Due to regulations, Lantronix was obliged to remove the B setting from the regular setup menu and Web Manager. We do, however, provide a separate utility for changing the **Country/Zone** setting. The utility is called SetZone and is included in the package.

The syntax is: `SetZone <IP address> [<zone abbreviation>]`

- ◆ Leaving the zone blank causes the utility to report the current setting only.
- ◆ Valid zone abbreviations are US, FR, JP, and OT.