


Application Firmware Update of OH Remote Interface OH51

- Please install a TFTP server on your PC (for example freeware program 'TFTPD32', download file 'Tftpd32_SE-x.yz-setup.exe' from web site <http://tftpd32.jounin.net/tftpd32.html>).
- Define a tftp directory with this program on your PC.
- Copy the actual OH51 firmware update file 'ulmage_oh51' in this tftp directory.
- Connect your PC to the same ethernet network as the OH51.
- Login with a web browser from your PC into the web interface of the OH51 (see manual 'OH51 Operating instructions' issue 5). Go to the web page OH51 -> configuration -> Update settings

- Type the IP address of your PC in the field 'TFTP server address'.
- Enable the check box 'Update enabled?'
- Click on button 'Save'.
- Update Status changes to 'pending update'
- Click on button 'OH51 Reset' if the saving is finished.
- In the following popup window 'Reset anyway' has to be clicked.
- OH51 begins with the update procedure which takes about 150 seconds. No SNMP or web access is possible

during this time. The led 'Console' glows continuously in red. The TFTP download of the file 'ulmage_oh51' can be checked through the led 'Status' which blinks in red during the firmware download. Afterwards the new firmware file is copied into internal flash.

- The OH51 makes a reset after flash copying. All four leds blink in yellow during new application firmware startup. If the led 'Status' glows continuously in green, the update procedure has been finished and the SNMP and web access work again.
- Check Update Status: changes to state 'successful update'.
- Go to page OH51 (- Monitoring) : check the new firmware version SWId -> see parameter ,description' (OH51 Remote Interface **SWId: Vx.yz**).

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