

# Opticon PHL-8xxx OS Upgrade Guide

## Step I: Setup

1. Download the correct image file for your device. See the following location.

<http://ftp.opticonusa.com/PHL8000/Software/OS/>

*a. For PHL-8xx2 devices (Except PHL-8152), download the image in the name format C01-53.XX-EFA2-YYYY where XX is the latest version number.*

*b. For PHL-8xx4 devices (Including PHL-8152), download the image in the name format C01-54.XX-EFA3-YYYY where XX is the latest version number.*

2. Install the file "xip.nb0" onto a SD card (FAT format) with capacity no greater than 2GB (only non-HC SD cards supported).
3. Install the SD card under the battery of the PHL-8xxx device.
4. Install PHL-8xxx battery with at least 30% charge.
5. Install battery door and seal both swivel locks.

## Step II: Install OS

1. Using attached stylus press the reset button on the back of the unit in combination with the power button on the front of the device.
2. Upon releasing the stylus immediately press the key combination described below.

*a. For numeric keyboards press and hold [power] + [0].*

*b. For QWERTY keyboards press and hold [power] + [space].*

3. The display will read the following:

*"Now Image Update..."*  
*"Reading Image Files..."*

4. Wait for the display to read the following:

*"Image Update successfully."*  
*"Please Hardware Reboot."*

## Step III: Hardware Reboot

1. Using attached stylus press the reset button on the back of the unit in combination with the power button on the front of the device.
2. OS will reboot automatically. While booting you will see the following text:

*"Loading OS"*  
*"Please wait..."*