

Firmware upgrades

FH Flyer's flash memory contains the operating code—firmware—that controls the marking head. As improvements or changes are made to the firmware by SYNRAD Engineers, these firmware updates are posted to the WinMark Pro web site (see the WinMark Pro CD or our FH Series Resources at <http://www.winmark.com>).

To perform a firmware upgrade, perform the following steps:

- 1 Power up the FH Flyer head and then open WinMark Pro v5.
- 2 From the *Help* menu, select *About Synrad WinMark...*
- 3 In the *About Synrad WinMark* dialog box, click the *Head Info* button.
- 4 In the *General Settings* dialog, on the *Flyerxxxxxx* tab, check the firmware version shown for the Marking Head Firmware Version property (see Figure 1). Click *OK* when done.

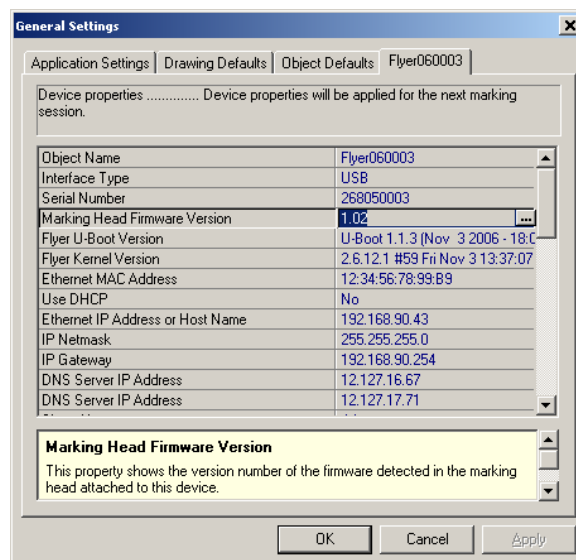


Figure 1 Checking Flyer's firmware version

- 5 In the *About Synrad WinMark* dialog, press the *Update F/W* button and from the *Marking Head Firmware Update* dialog, click *Update*.
- 6 In the *Open* dialog, navigate to the location of the latest firmware update (*Update_x-xx.fhz*) file. By default, a copy is placed in the *C:\Program Files\WinMark* folder during the WinMark installation. If the *Update_x-xx.fhz* file is newer than current Flyer firmware, then select the file and click *Open* to continue with the upgrade; otherwise click *Cancel*.
- 7 A dialog box displays Flyer's current firmware version and the upgrade version. Click *Yes* to proceed with the upgrade.
- 8 Read the Update message and click *OK*. Do not attempt to operate the head until it has rebooted!
- 9 After Flyer reboots (the *Status* LED briefly flashes off and then back on), repeat Steps 2 through 4 to verify the new firmware version in the head.