

# AT-PRO2HDREC-DA Updating Guide

## I. Requirements:

1. AT-PRO2HDREC-DA w/ power supply
2. Desktop PC or Laptop PC w/ RS-232 Port
3. RS-232 cable (DB9 Female-to-Male, non-crossover type)
4. Flash Magic software
5. Latest firmware (downloadable from [atlon.com](http://atlon.com))

## II. Installation:

1. Install "FlashMagic.exe" software
2. Connect the AT-PRO2HDREC-DA and PC by using the DB9 female to male cable
  - \*Do **not** plug in the power supply of the PRO2HDREC-DA at this time

## III. ISP Mode:

1. Insert a small needle into the hole next to the power indicator
2. Hold down the button with the needle while plugging the PRO2HDREC-DA's power supply in
3. Release the button when the power indicator turns on

## IV. Firmware Upgrade:

1. Open "Flash Magic"
  2. Configure the Flash Magic settings (see picture below)
    - a. Select the COM port
    - b. Set the baud rate to 115200
    - c. Set Device to LPC2387
    - d. Set interface to "None (ISP)"
    - e. Set Oscillator Freq (MHz) to 20
    - f. Check "Verify after programming" & "Erase all Flash+Code Rd Prot" (STEP2&4)
  3. Press "Browse" button to open the current firmware
  4. Press the "Start" button to update the product
- Once the product has been upgraded successfully, the product will reboot

