

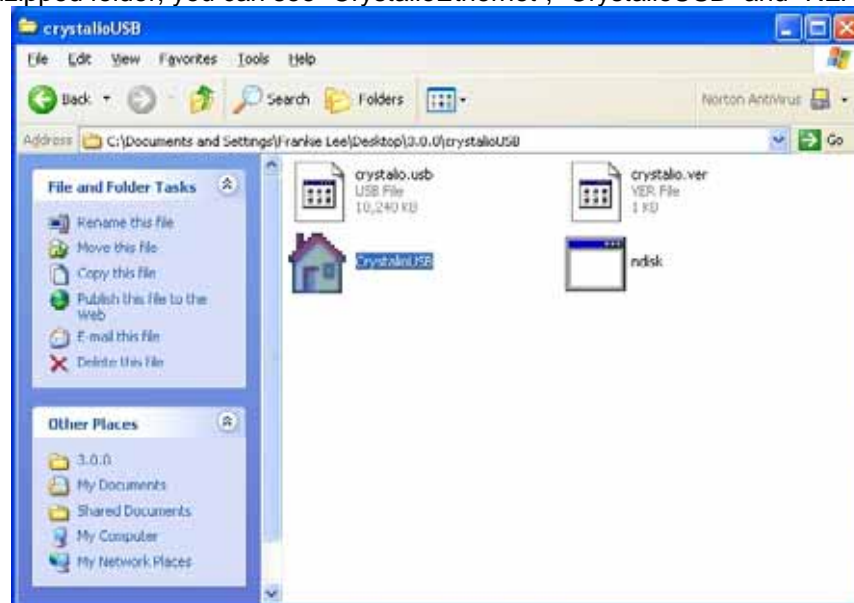
Crystalio® Firmware USB Upgrade Instruction v.1.0

By PMS Video Ltd

- (1) Prepare a USB thumb disk. The storage of the thumb disk should be equal to or larger than 32Mb.



- (2) Go to <http://www.crystalio.com/downloads.html>
- (3) Download the latest firmware and save it.
- (4) Unzip the file
- (5) In the unzipped folder, you can see "CrystalioEthernet", "CrystalioUSB" and "README" file



- (6) Go to "CrystalioUSB" folder/Insert Thumb Disk into computer USB port.

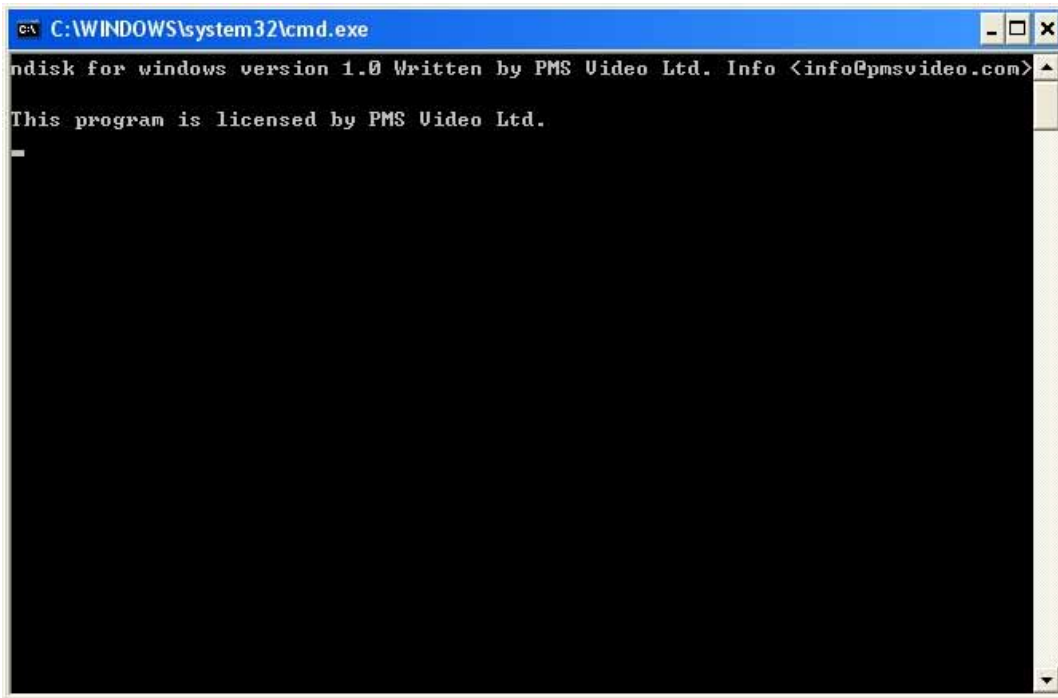


- (7) Please wait a while until computer finish USB driver installation.
- (8) Click the "CrystalioUSB" program



- (9) Select the USB thumb disk in dropdown list.
- (10) If you can't find the thumb disk driver, please press refresh icon in CrystalioUSB program
- (11) If still encounter the same problem, please make sure you are using correct thumb disk and the USB storage driver installed.

- (12) **WARNING: All data in USB thumb disk will be erased!!!**
(13) Press "OK" when you are ready to make the Crystalio USB thumb disk



- (14) The "CrystalioUSB" program will start to make the Crystalio USB firmware thumb disk image. Please wait until it finished.



- (15) When the program finished, you will see the above screen.

- (16) Now, you can safely remove the USB thumb disk from your computer.
- (17) Insert the USB thumb disk into Crystalio USB port (rear panel).
- (18) Press "Setup" -> "Advanced" -> "Firmware Upgrd" -> "USB Upgrade"
- (19) **DON'T REMOVE USB THUMB DISK WHILE UPGRADING.**
- (20) After upgrade done, you can remove the USB thumb disk and press "OK" to reboot the Crystalio.
- (21) **Now, the Crystalio is using the latest firmware. Enjoy the movie!**