



GTEC UPS MODEL:

ZP120N 6-10 kVA

Flash Standard Operating Procedure

SERVICE MANUAL

Catalog

1.Flash Normal..... 3

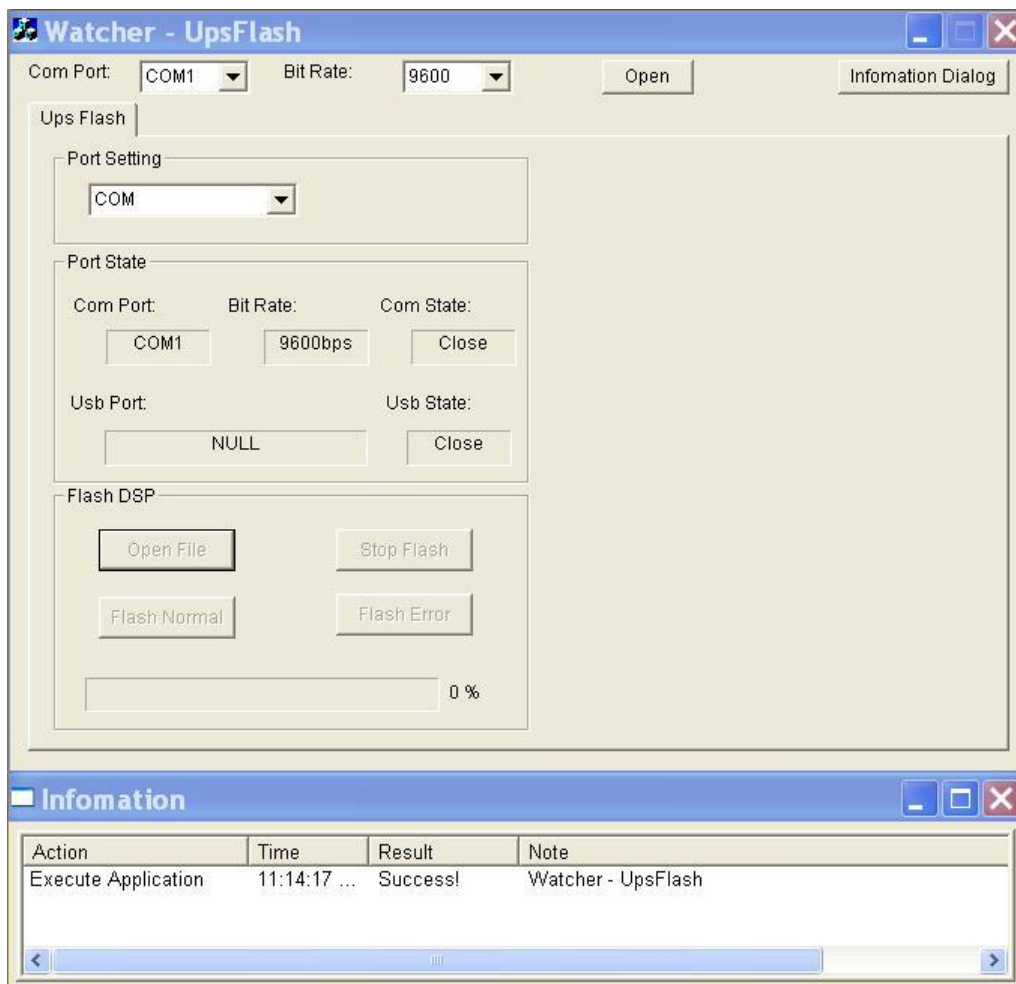
2.Flash Error 10

1.Flash Normal

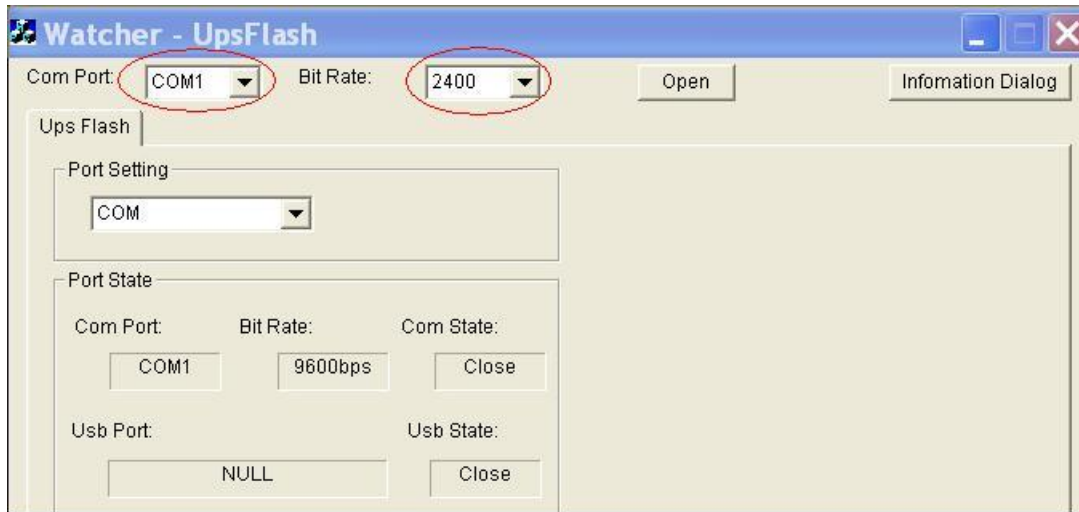
Flash Normal is used to flash DSP firmware when the UPS is normal state : AC input is ok , DSP firmware works well, and UPS on standby mode.

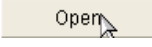
Step 1: Connect PC and UPS use RS232 cable, UPS on standby mode.

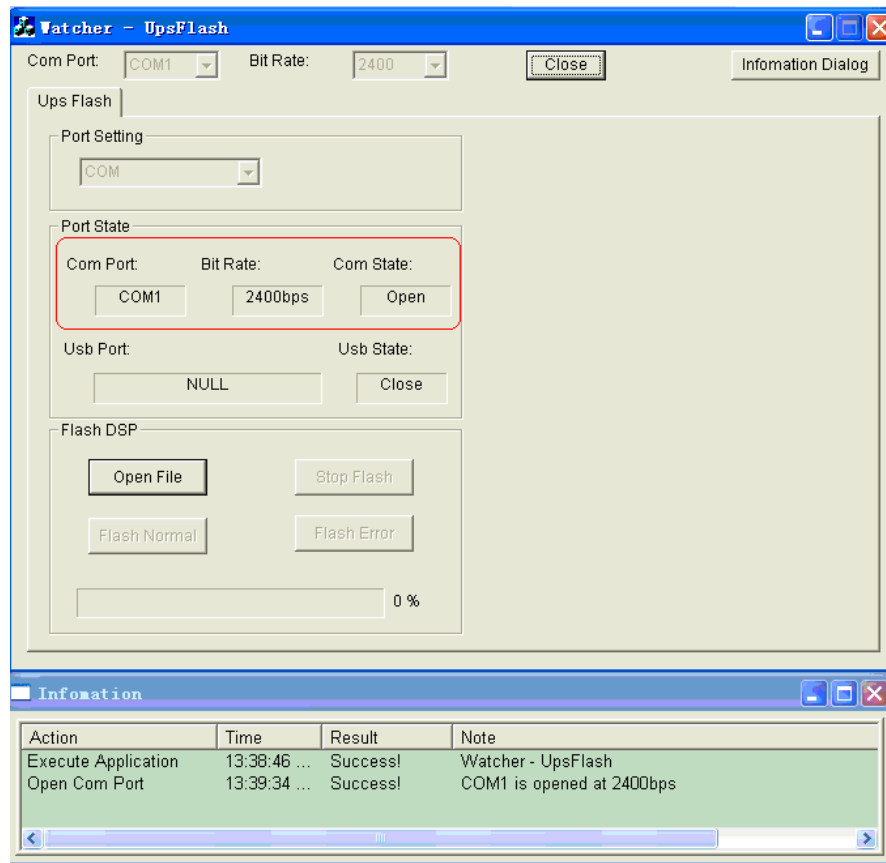
Step 2: Double Click  , below picture will be gotten



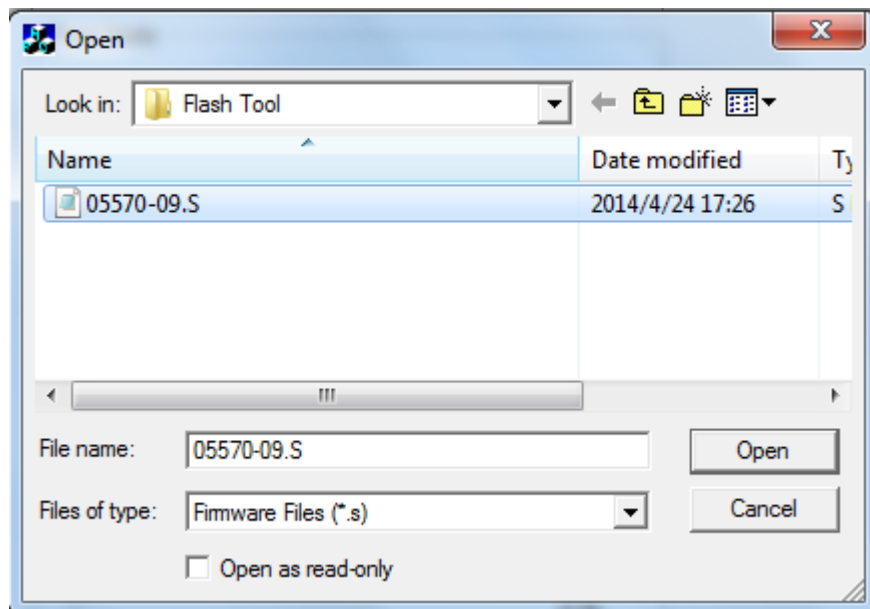
Step 3: Choose the right COM port and Baud rate



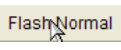
Step 4: press  to open COM port, and check the COM state is OK

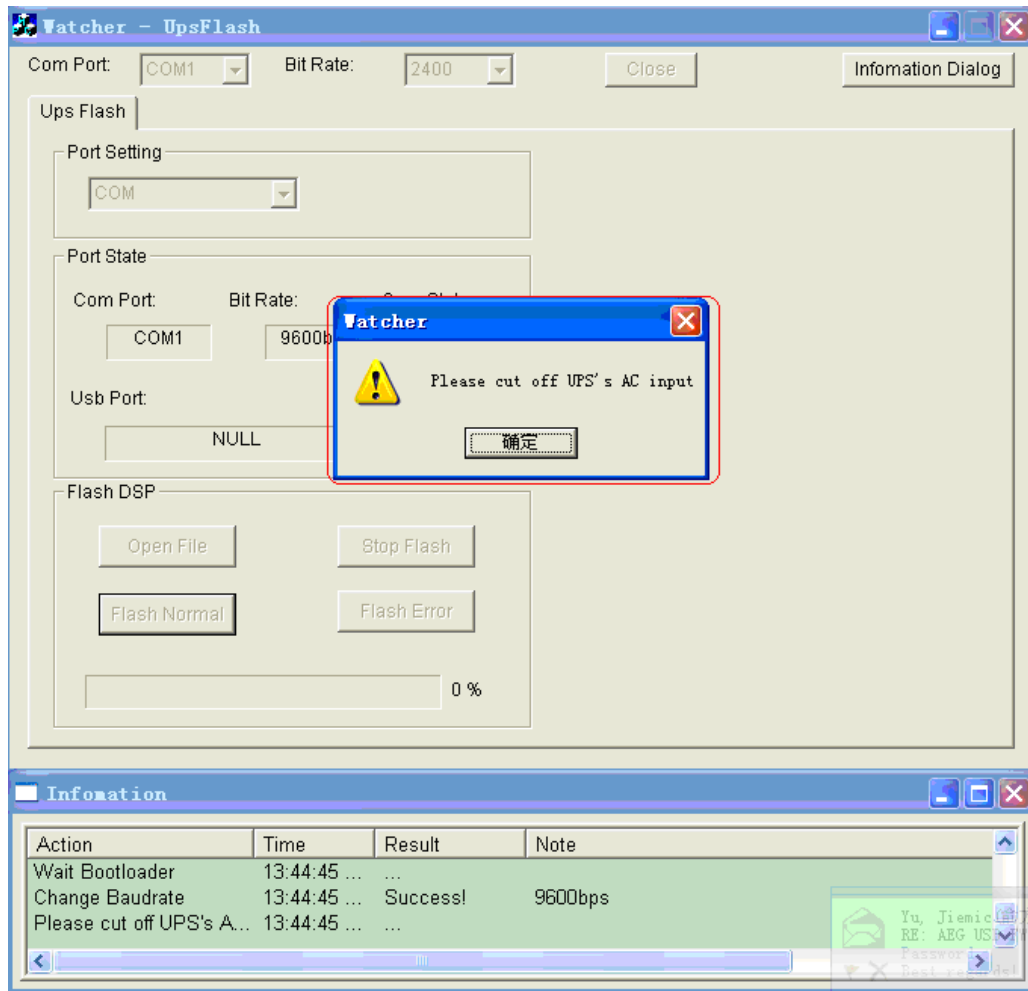


Step 5: press  to choose the firmware, take “05570-09.S” for example as below,



Double click the right Firmware

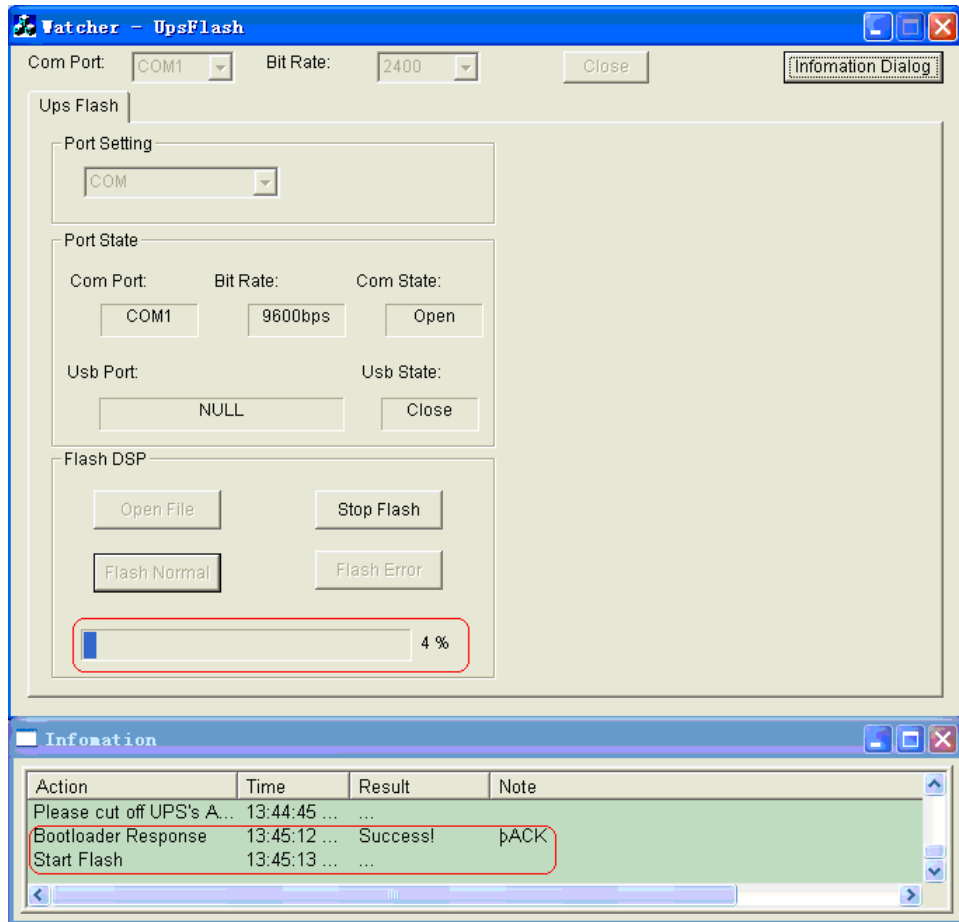
Step 6: Click , below picture will show:



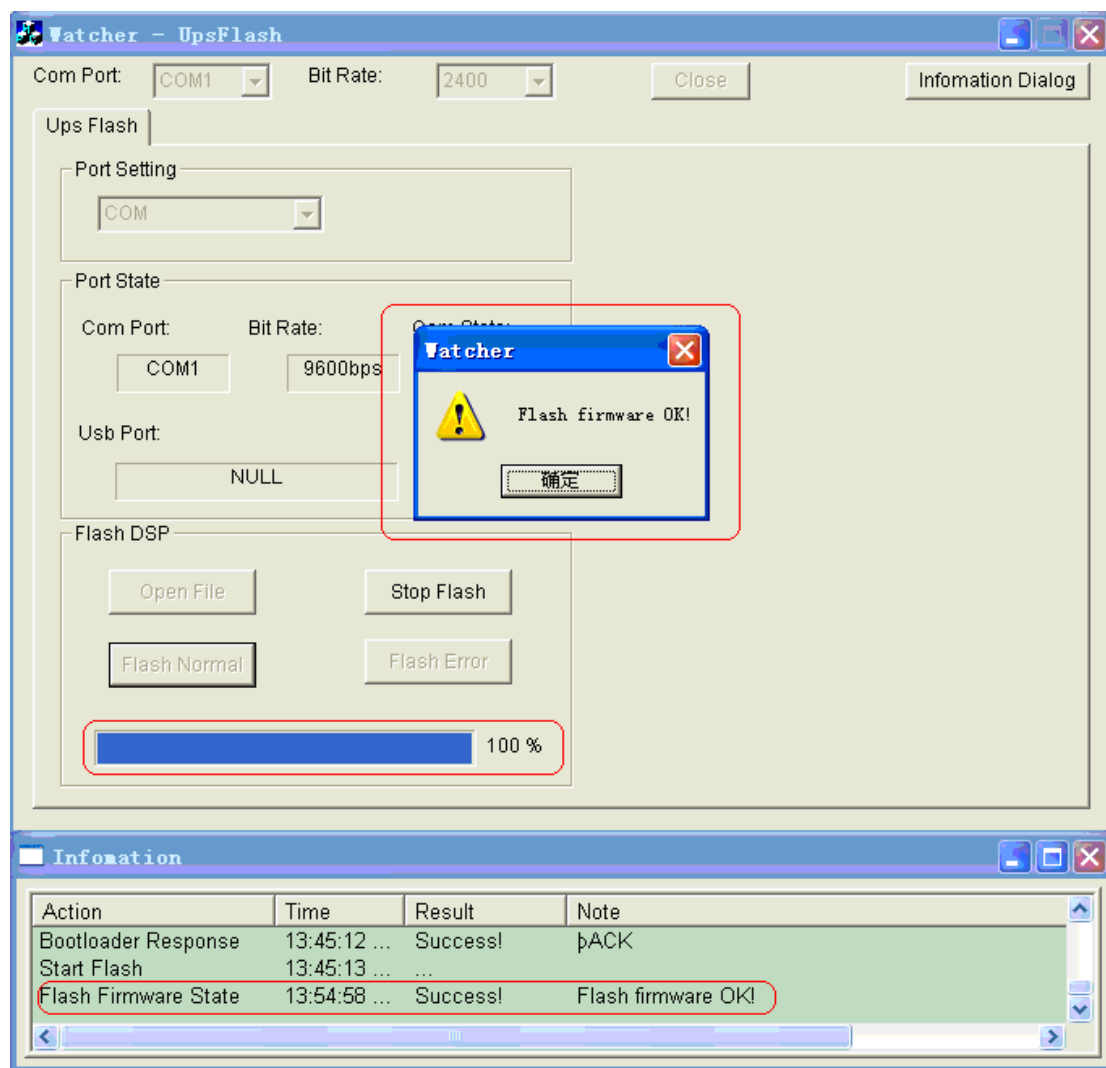
Step 7: Cut off UPS's AC input breaker, and then press the OK button of the Popup Message Box in the step above.

NOTE:make sure AC source breaker must be switched off after step 7, or ups would be under the risk of explosion.

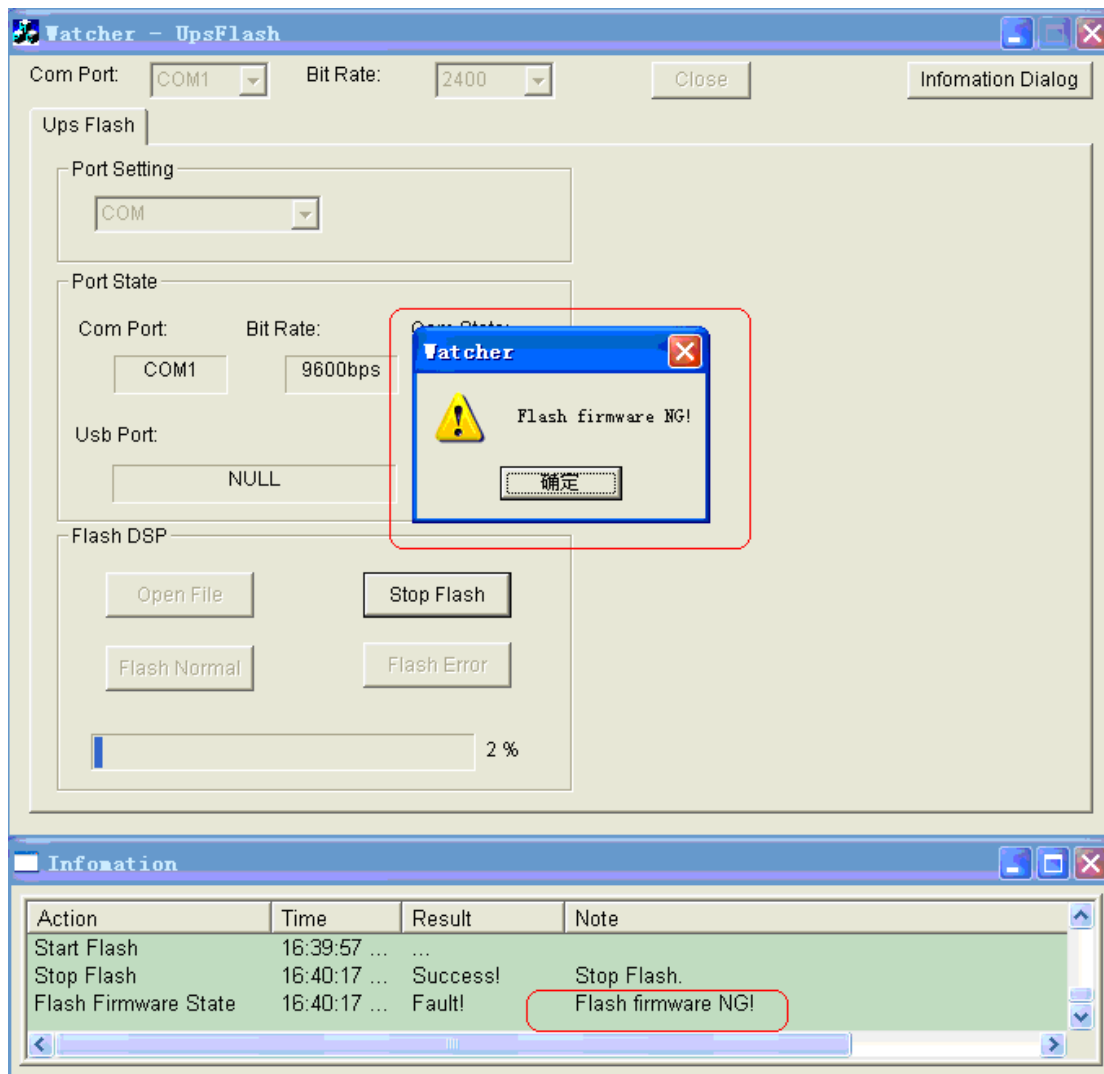
After a few seconds, the flash begin as the below picture



Step 7: After flashing , it will show below picture. And UPS will automatically shutdown the power supply.



Note: If the updating is NG, it will popup “Flash firmware NG!”,as below picture, and you should use another mothed——Flash Error.



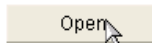
2.Flash Error

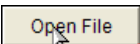
This function is used after “Firmware Updating-Flash Normal” failed.

Step 1 : If watcher is closed, Double Click

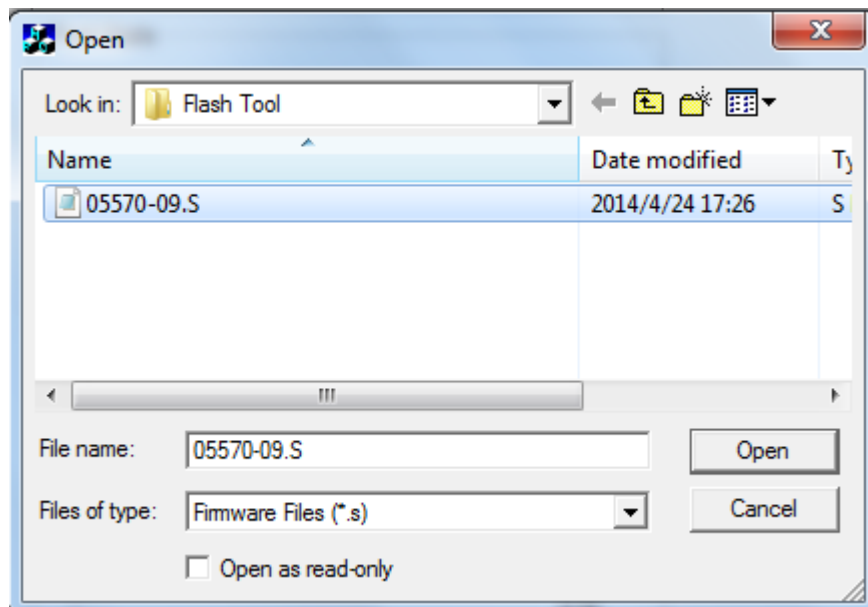


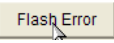
Step 2: Choose COM Port and press

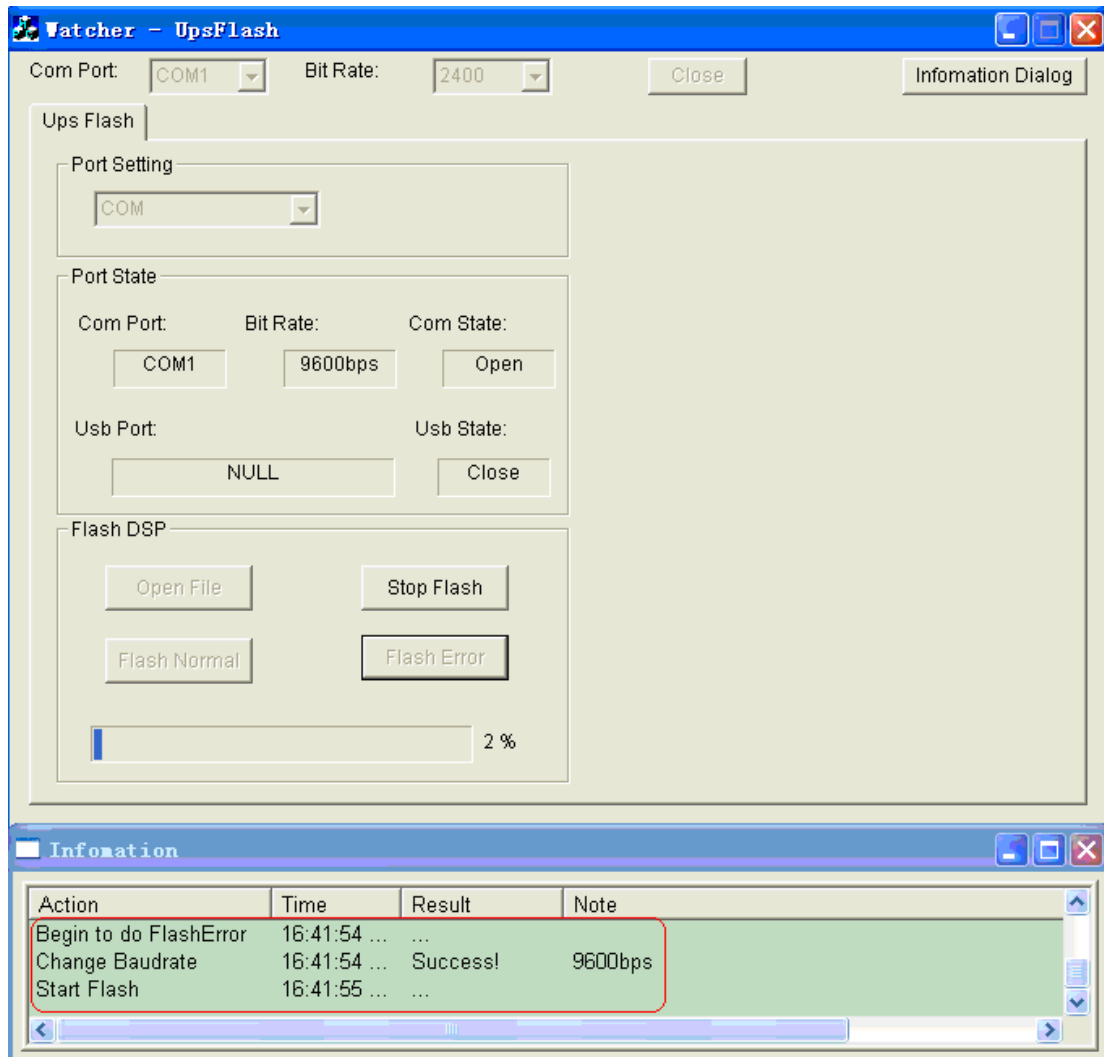


Step 3: Click  then choose the firmware as below

Double click the right firmware



Step 4: Click , then the flash will begin



If the updating is OK, the below picture will be gotten.

