Webserver Change Log

1. Version 1.0
   - Updated default Port number to 8088.
   - Configure the MAC address by key in the web address
     "**http://defender:8088/protect/mac.htm**"
   - Update the MAC address by numeric from 1 to 16777215. (It'll automatically convert to hex format.)
   - For more detail regarding the configuration please refer to Defender Smart Alarm Manual.

2. Version 2.0
   - Updated username feature.
   - Register the username by key in the web address
     "**http://defender:8088/protect/register.htm**"
   - For more detail regarding the configuration please refer to Defender Smart Alarm Manual.

3. Version 2.1
   - Fixed the bug that password was visible at view page source of browser.

The webserver have to connect with alarm board to get the power before re-program the webserver firmware and webpage.

1. Program the webserver firmware
    *   Connect the ICSP cable according the label. Then use the programmer upload the HEX file to webserver (figure1.0).
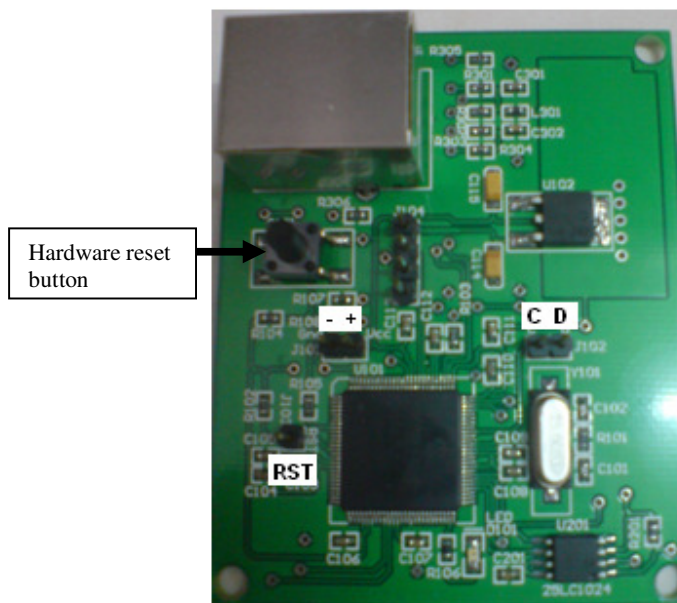

Figure 1.0 Webserver

2. Upload the webpage to webserver
    *   Before upload the webpage, the network cable has to connect to webserver because the webpage uploads through network.

    *   Make sure yours laptop or PC can interface to webserver.

    *   Then open the browser, key in the web address "**http://defender:8088/mpfsupload**" (figure 1.1).

    *   The mpfsupload use to upload the webpage.

    *   Refer to figure 1.1 to figure 1.3, click the Browse button and select MPFSImg2.bin file then click the Upload button.

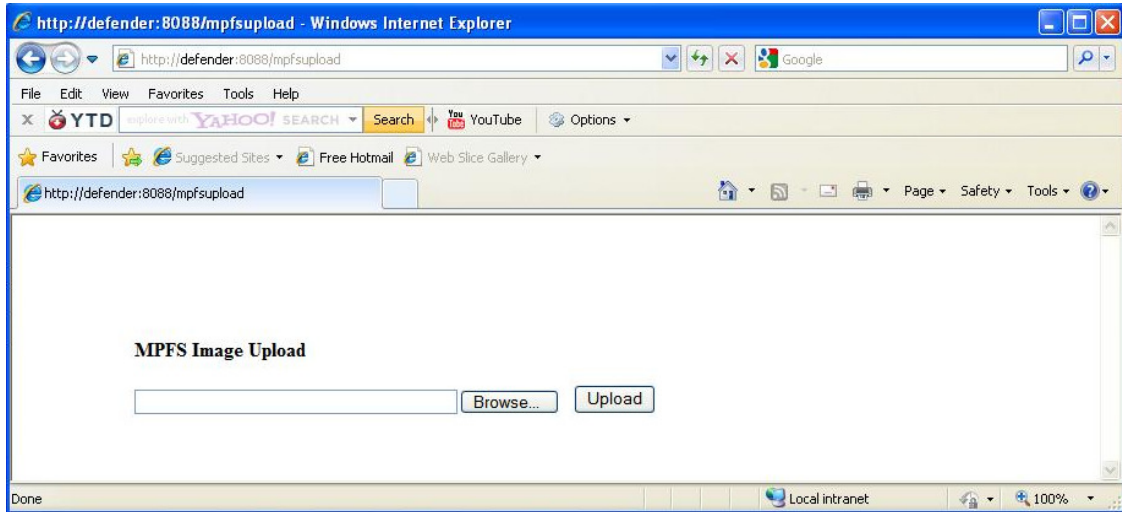- After upload successful (figure 1.4), close the browser and execute the hardware reset for webserver.
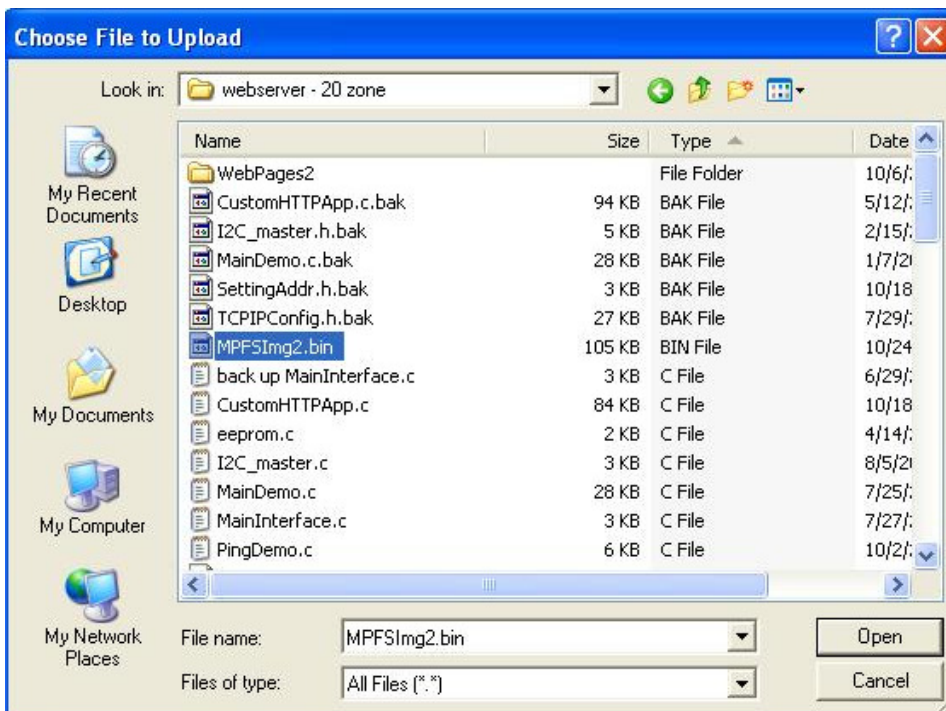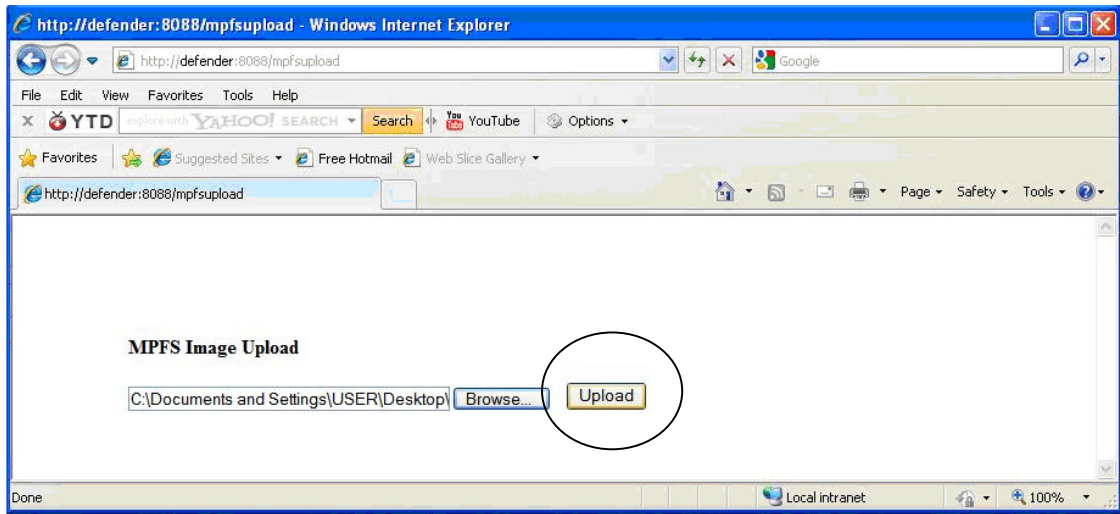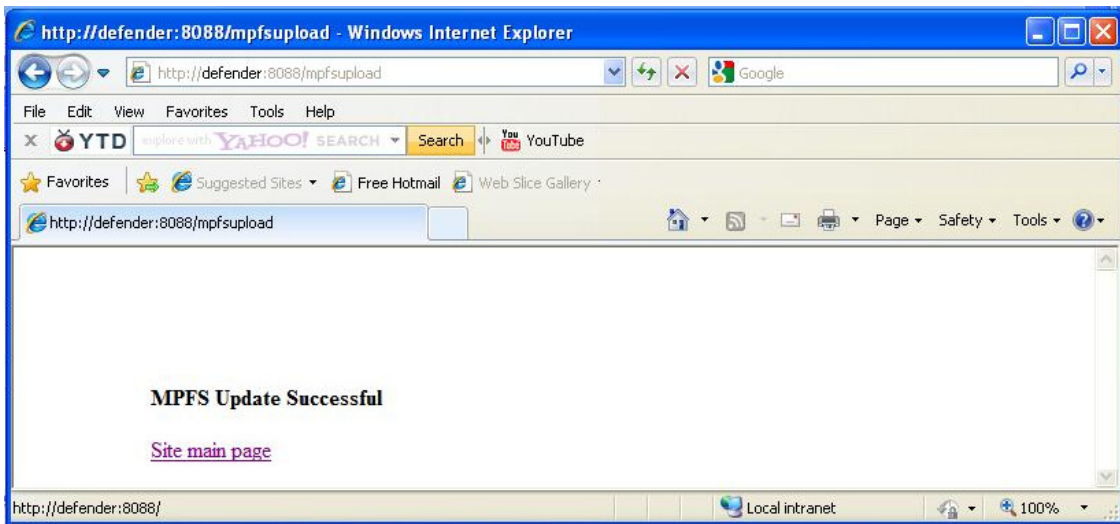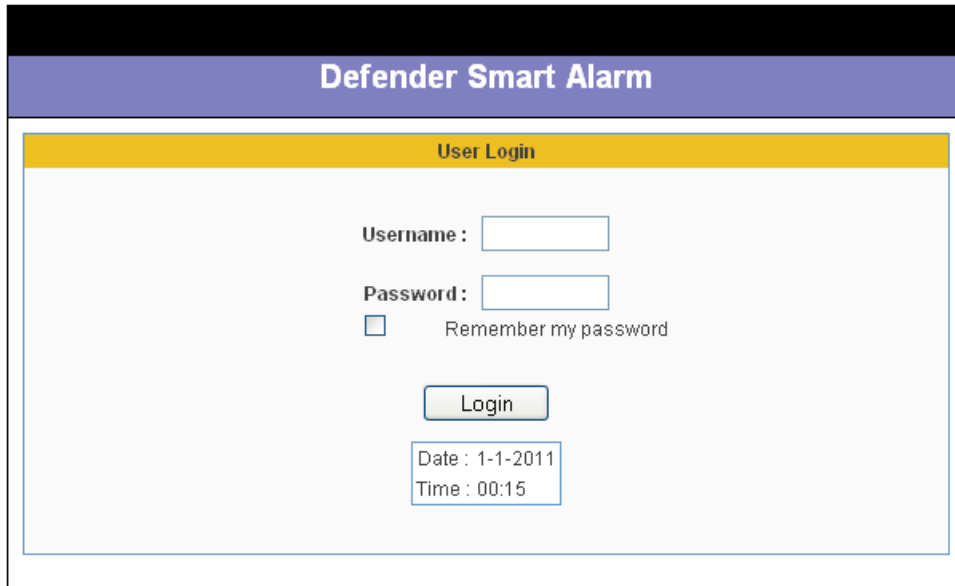

Figure 1.1 MPFSUPLOAD

Figure 1.2

Figure 1.3

Figure 1.4

3. Hardware reset

   a. Off the webserver power, then press the hardware reset button and on the power, continue holding the button until the LED flash then release the button.

   b. After reset, open the browser and key in "**http://defender:8088**", the latest version of firmware and webpage are successfully re-program (figure 1.5).

Figure 1.5 Login page