

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.

Guide to Re-Program the Webserver Firmware and Webpage

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).

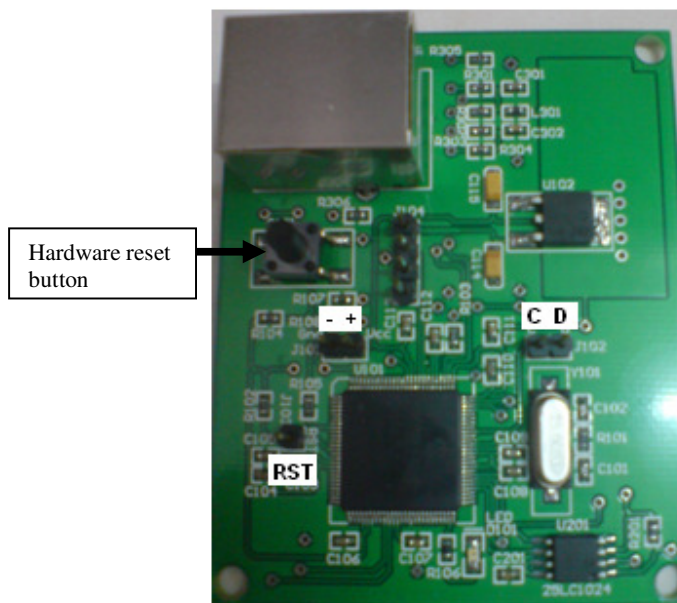


Figure 1.0 Webserver

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 webservice.

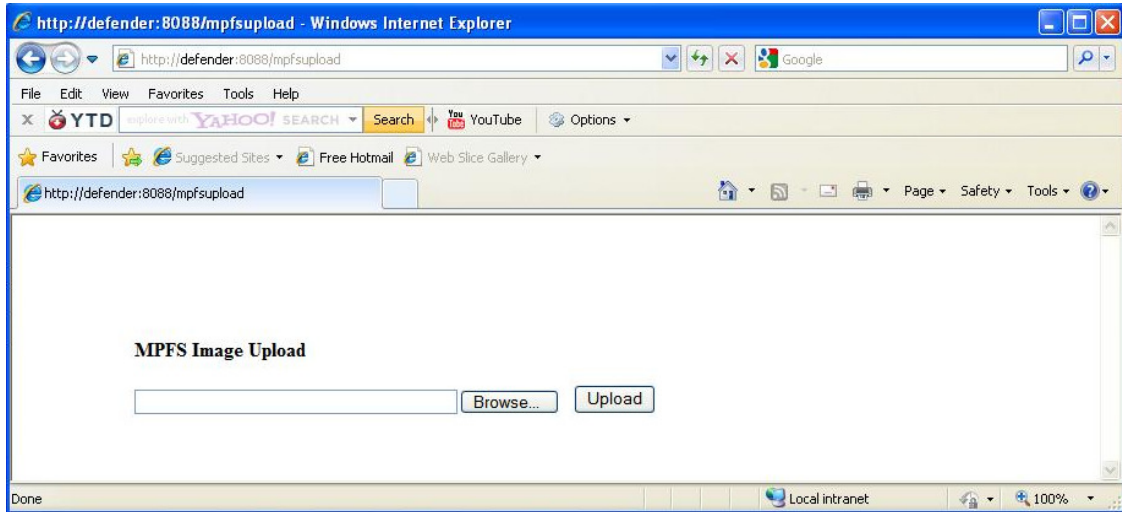


Figure 1.1 MPFSUPLOAD

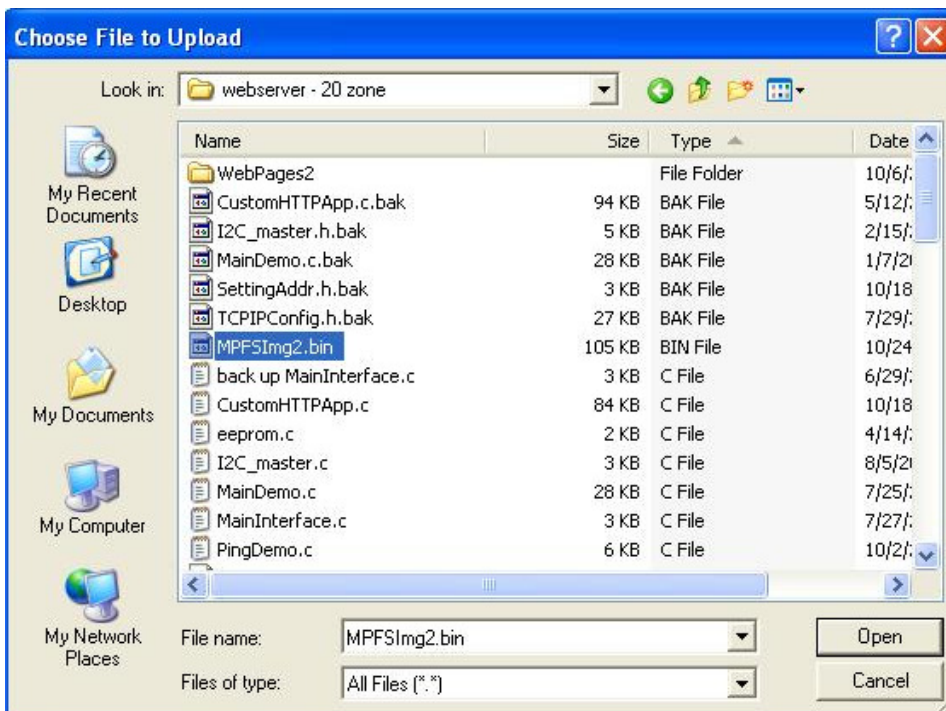


Figure 1.2

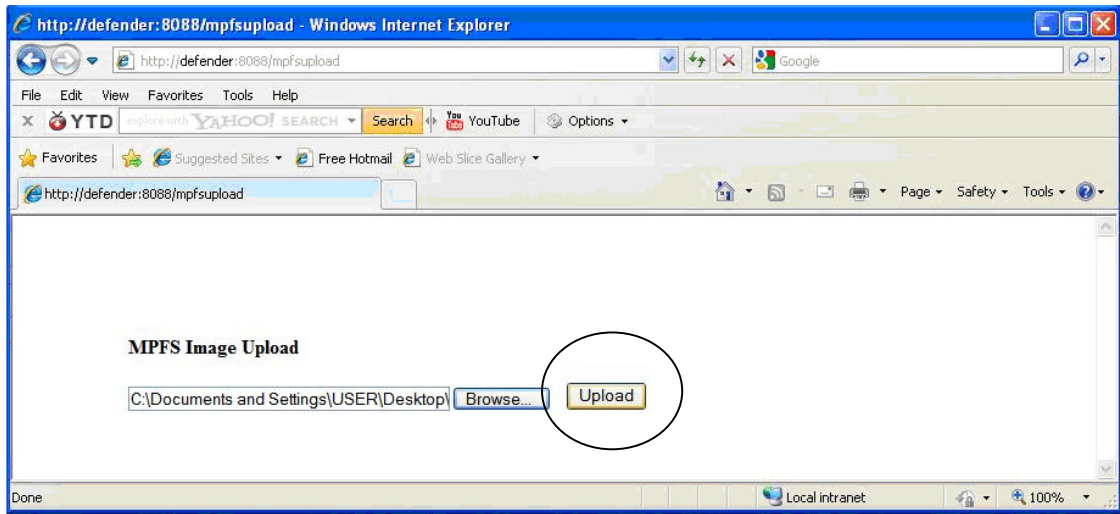


Figure 1.3

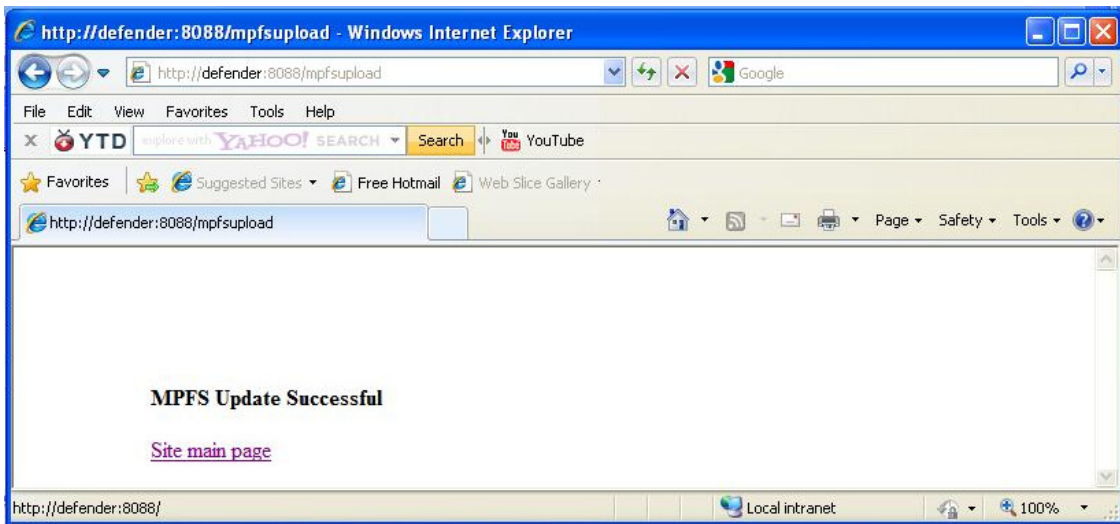
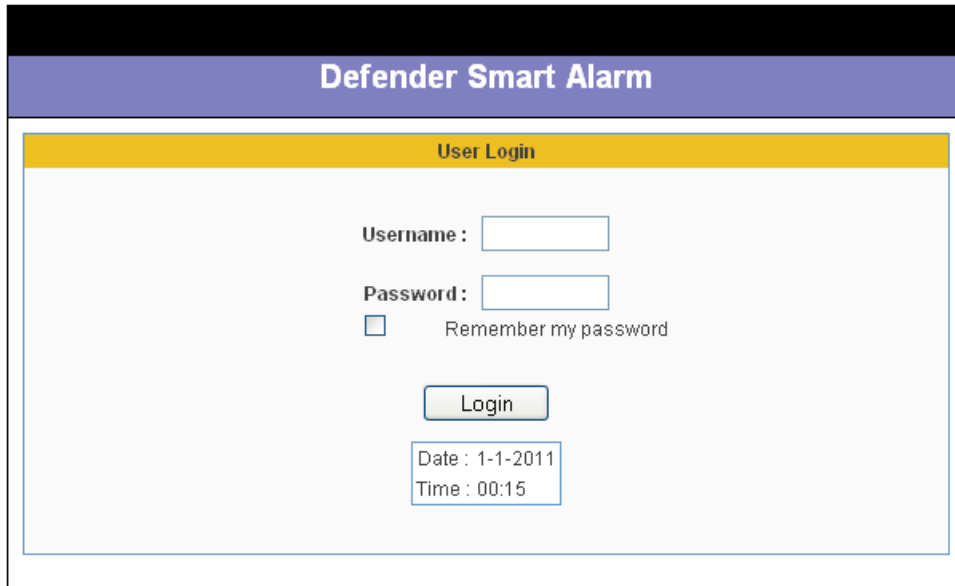


Figure 1.4

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).



The image shows a web browser window displaying the login page for 'Defender Smart Alarm'. The page has a black header bar at the top, followed by a purple bar with the text 'Defender Smart Alarm' in white. Below this is a yellow bar with the text 'User Login'. The main content area is white and contains the following elements: a 'Username:' label followed by a text input field; a 'Password:' label followed by a text input field; a checkbox labeled 'Remember my password'; a 'Login' button; and a status box showing 'Date : 1-1-2011' and 'Time : 00:15'.

Figure 1.5 Login page