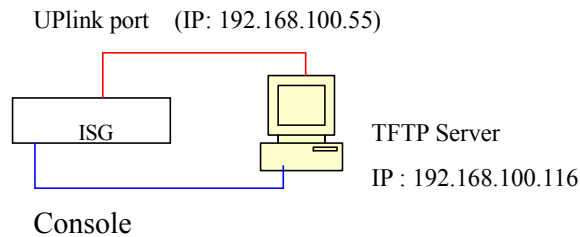


How to Upgrade Firmware via TFTP Server



1. Please go to <http://www.walusoft.co.uk/download.htm> to download "TFTP suite Pro" to proceed the firmware upgrade. (Other standard TFTP servers also can be utilized here.)

In TFTP server, assign firmware file location, and save the path if necessary. (This part might vary depends on different kind of TFTP server used.) (In this sample datagram, the file is assigned in c:\)

2. Save firmware file **ISG101(v1.01).bin** to C:\
3. Open TFTP SERVER. Select System → Setup → Set Outbound to c:\ (figure 1)
4. Open Hyper Terminal to connect to ISG-101 (console connection)

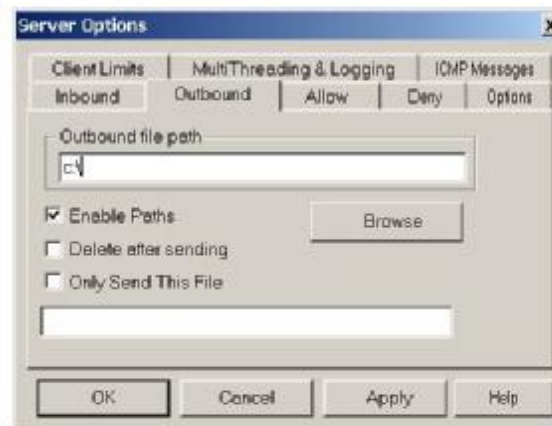


Figure 1

6. Restart ISG by power switch.

```

Ethernet Address:
  WAN : 00-30-4f-00-13-42
  LAN : 00-30-4f-00-16-c6

RTC TEST OK

FLASH INIT OK

Loading...

Password:*****

```

7. While "Loading" appeared, please type "**debug**", and type "**debugmonitor**" for Password

```

Ethernet Address:
  WAN : 00-30-4f-00-13-42
  LAN : 00-30-4f-00-16-c6

RTC TEST OK

FLASH INIT OK

Loading...

Password:*****

(1)Run Monitor
(2)Restart system
(3)Erase entire FLASH
Enter selection:

```

8. Select 3)Erase entire Flash
9. After Flash erased, select 2)Restart system
10. Enter the parameters of TFTP

```

Loading...

-----
Please enter TFTP related parameters:
IP address[192.168.1.254]:192.168.100.55
TFTP server IP address[192.168.1.253]:192.168.100.116
Gateway IP address[192.168.1.1]:192.168.100.1
Subnet mask[255.255.255.0]:
File name[PS80.BIN]:ISG101(v1.01).bin

----- TFTP download parameters -----
IP address           :192.168.100.55
TFTP server IP address :192.168.100.116
Gateway IP address    :192.168.100.1
Subnet mask           :255.255.255.0
File name              :ISG101(v1.01).bin

-----
Do you want to change above entries<Y/N>?n

```

After restart process finished, firmware download process is completed.