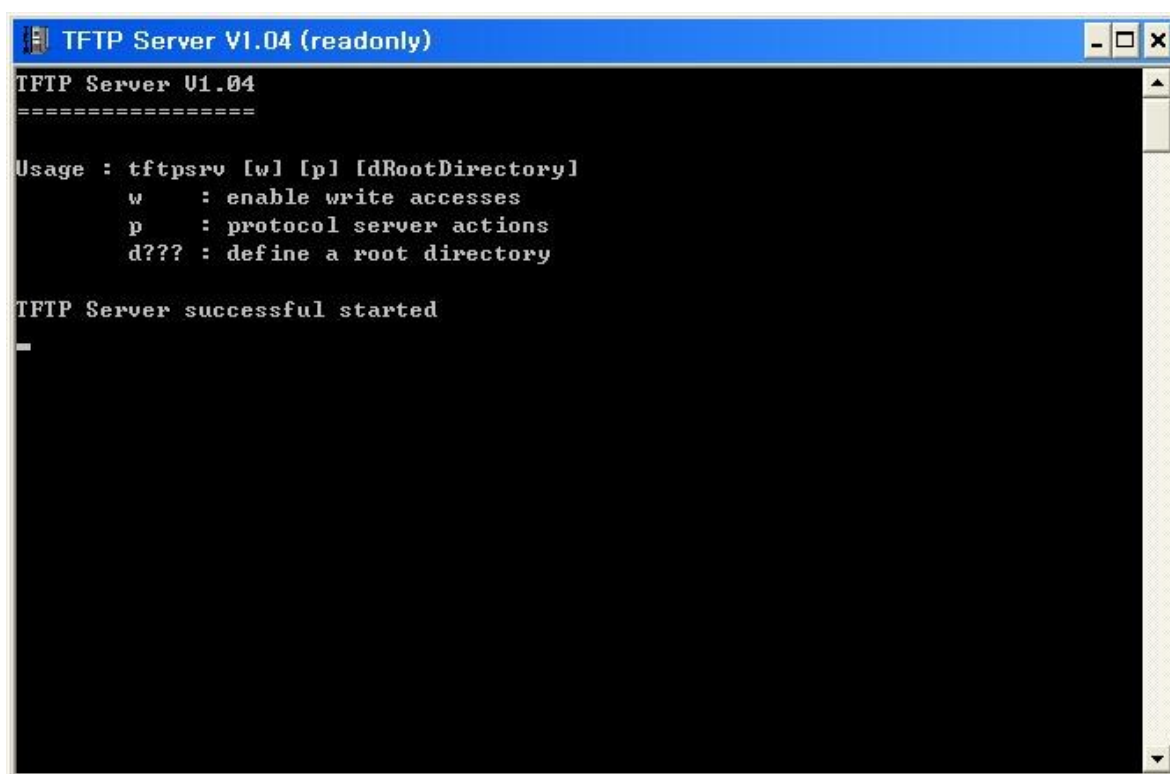


## Procedures for Restoration of ANT-6000 Firmware

Document v1.0 (2014.1.22)

### A. Procedures using FW 303.00.3 as an example.

1. Turn on a PC, and remove Ethernet cable from the PC.
2. Make a new folder, and copy two files, "tftpsrv.exe" and "recover\_wimi6400antrica.303.00.3.bin" into the folder. (Or the latest recover\_wimi6400antrica.xxx.xx.x.bin file for the FW you are using)
3. Rename "recover\_wimi6400antrica.303.00.3.bin" to "recover\_wimi6400.bin"
4. Change the IP address of the PC to 192.168.0.12, and execute the file, tftpsrv.exe, on the folder.
5. You can see the TFTP Server window below, and leave it opened.



```
TFTP Server V1.04 (readonly)
TFTP Server V1.04
=====
Usage : tftpsrv [w] [p] [dRootDirectory]
w      : enable write accesses
p      : protocol server actions
d???   : define a root directory

TFTP Server successful started
```

6. Turn off the ANT-6000, and connect the ANT-6000 to the PC with a LAN cable.
7. Turn on the ANT-6000 system while keeping the **Select** button being pressed.
8. If you keep the **Select** button being pressed until the LED status is changed to "R2. A green LED blinking status" of Table 2, flash recovering is started. Stop pressing the **Select** button when the LED status is changed to "R2. A green LED blinking status".
9. It will take 5~6 minutes to recover all. If ANT-6000 finish all recovering, LED status will be back to normal status. You can confirm the firmware version when you connect the web page.  
When this "Flash recovering procedure" is finished, ANT-6000's IP address will be back to factory default value; 192.168.0.161 for TX and 192.168.0.162 for RX.

Step	LED status	Behaviors
N1	All LEDs are blinking.	Booting phase 1
N2	The orange LED is lighting.	Booting phase 2
N3	The orange LED and the green LED are lighting.	Normal Operating

Table 1 ANT-6000's LED status while normal booting

Step	LED status	Behaviors
N1	All LEDs are blinking.	Booting phase 1. For the flash recovering, the <b>Select</b> button has already pressed before this booting phase 1.
R1	The green LED is lighting.	Checking whether the <b>Select</b> button is kept pressing for about 10 seconds. You have to keep pressing the <b>Select</b> button for flash recovering.
R2	The green LED is blinking.	Downloading F/W image from tftp server. Because the recovering sequence was started, you may stop pressing the <b>Select</b> button. <b>If the ANT-6000 cannot get F/W image from the tftp server, then the ANT-6000 will go to the step N2 and no recovery procedure will be processed. For this case, check that the LAN cable connection between the PC and the ANT-6000, or the recovery image, "recover_wimi6400.bin", is on the folder.</b>
R3	Two green LEDs are blinking.	Erasing Flash ROM.
R4	Three green LEDs are blinking.	Writing new F/W to Flash ROM
N2	The orange LED is lighting.	Booting phase 2
N3	The orange LED and the green LED are lighting.	Normal Operating

Table 2 ANT-6000's LED status while flash recovering