WLA-5000APv3 Emergency Repair

This document guides to recover your WLA-5000APv3 system if the firmware crashed.

- **1.** Set your PC's IP address to 192.168.1.254 and connect your PC directly to the WLA-5000APv3.
- 2. Set the PC as TFTP server, IP address of PC is 192.168.1.254, subnet mask is 255.255.255.0.
- 3. We recommend the freeware of tftp server, such as "tftpd32".
- 4. Run the TFTP server application.

				Veringasz: settings
👋 Tftpd32 by Ph.	Jounin	_	•	Base Directory
Current Directory Server interface Tftp Server Syste	H:\\fftpd32.323 192.168.1.254 og server Log viewer	•	Browse Show Dir	Global Settings TFTP Server DHCP Server TFTP Client SNTP server Syslog server Thtpd22Syslog Save syslog messages To file DHCP Options
peer	file	start time prog	gress	Image: Pring address before assignation Image: Pring address Persistant leases Image: Bind DHCP to this address 192.168.1.254 Image: Pring address TFTP Security TFTP configuration Image: Pring address None Timeout (seconds) 3 Standard Max Retransmit 6 High Titp port 63 Read Only local ports pool 1
< <u>A</u> bout	<u>S</u> ettings		▶ <u>H</u> elp	Advanced TFTP Options ✓ Option negotiation Hide Window at startup PXE Compatibility Create "dir txt" files ✓ Show Progress bar Create md5 files ✓ Translate Unix file names Beep for long transfer Bind TFTP to this address 192.1681.254 ✓ Allow "\"As virtual root Use anticipation window of 0 Bytes
				Default Help Cancel

Fig. tftpd32 application main window and setting window.

5. Assign the tftp folder in the tftp server. Click on "browse" the folder to select the directory

Current Directory	H:\tftpd32.323	-	Browse
Server interface	192.168.1.254	-	Show Dir

Fig. tftpd32 application: Click on "browse" the folder to select the directory

6. Copy firmware file into the tftp server folder.

Rename this firmware file as "zImage" <u>without file name extension</u>.
Please make sure the letter case match exactly. To check if the file is available in the tftpd32 folder, please click in tftpd32 main page "Show Dir".

	🔖 Tftpd32 dir	ectory 🔀
+	syslog.txt tftpd32.chm tftpd32.exe tftpd32.ini zImage	2007/12/ 0 2007/12/ 366192 2007/12/ 192512 2007/12/ 529 2007/12/ 3784832
	(COK	Cancel Copy Explorer

Fig. "Show Dir" to check available files in tftp server folder

- **8.** Power on the WLA-5000APv3 again. If firmware crashed, the device will scan the 192.168.1.254 for TFTP server and read the tftp upload file.
- **9.** Wait for about 20 seconds, a pop-up window shows the firmware repair progress screen.(Shown as Fig. 3)

🔖 zimage to 192.168.1.1	I	×
File size : 3 299008 Bytes sent	3784832 74752 Bytes/sec	

Fig.. Tftpd32 show at the beginning of firmware repair progress.

Do not power off the PC or the WLA-5000APv3 during this process! Any disconnection or interruption can damage the WLA-5000APv3 permanently.

10. Device will continue proceeding. If you click on the "log viewer" of tftpd32, you can see progress of work shown as Fig. 4.

🔖 Tftpd32 by Ph.	Jounin	_ 🗆 🔀		
Current Directory	H:\tftpd32.323	<u>B</u> rowse Show Dir		
Tftp Server Syslo	g server Log viewer			
Connection received from 192.168.1.1 on port 0 [27/12 09:51:38.500] Read request for file <zimage>. Mode octet [27/12 09:51:38.500] Using local port 1287 [27/12 09:51:38.500] <zimage>: sent 7393 blks, 3784832 bytes in 51 s. 0 blk resent [27/12 09:52:2!</zimage></zimage>				
<	1111	>		
Clear C <u>o</u> py	Current Action Listening on port 6	9		
<u>A</u> bout	Settings	<u>H</u> elp		

Fig. 4 Repair progress shown in tftpd32 syslog Log viewer

- Please wait for 5 minutes for the device to reboot. When finish rebooting, the wireless LED will be on. The device can then be accessed again at 192.168.1.1. If the WLA-5000APv3's not accessible after 5 minutes, please power reboot the WLA-5000APv3.
- **12.** Open your web browser and type "192.168.1.1" to confirm the WLA-5000APv3 is restored.