Firmware Upgrade Instructions

Instructions:

a. You need the files *.pak and DMM_update.exe in the Figure-1.







*.pak: Refer to the firmware update component. DMM_update.exe : Refer to the executive program.

b. Please connect the DMM with your PC by the USB cord. When the PC detects the 2110, execute the program DMM_update.exe. If your PC can't detect it, "Can not find USBTMC device" message will pop out as shown in the Figure-2.

DmmUpdate 🔀		DMM update_1.03				
♪	Can not find USBTMC device!					
	確定					
			Select	Exit		

Figure-2

c. If your PC detect the DMM, the DMM update window will pop out as shown in the Figure-3. Then press "Select" button and find the file you want to update as shown in the Figure-4.

DMM update_1.03	×
Please click "select" button and choose a DMM update file.	
Select	_

Figure-3

開啓	? 🗙
搜尋位置①: 🚞 2110	▼ = € 💣 💷 -
⊠ KI2110_02.00.pak	
檔案名稱(11):	開啓(0)
檔案類型(I): DMM Update Files (*.pak)	▼ 取消

Figure-4

d. While the file is executed, the program will diagnose DMM's PID (Product Name), VID (Manufacturer Name) and Firmware version as shown in the Figure-5

When everything is ready, press "Yes" to upgrade the firmware, and the DMM's display will show "UPDATE MODE"..

Confirm Upgrade Details
DMM: KEITHLEY INSTRUMENTS INC.,MODEL 2110 Serial Number: 1311132 Firmware Version: T1.02-00-00
Would you like to update this DMM to Firmware Version: 02.00-01-00
是(Y) 否(N)

Figure-5

e. If pressing "Yes" on the Figure-5, but your PC can't connect the DMM, the unavailable update message will pop out as shown in the Figure-6.

DmmUpd	ate 🔀	1	DMM update_1.03	×
1	Unable to locate the instrument (0x2110::0x05E6)!		Can not find the meter (PID and VID = 0x2110 and 0x05E6). Please power on the DMM and then select the update file.	
	確定			
		1		
			Select	



f. If pressing "NO" on the Figure-5, this upgrade will be terminated, and the system will ask you to exit as shown in the Figure-7.

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DMM update_1.03	×
The procedure is not finish. Please click "Exit" to leave or "select" button to continue.	
Select	Exit

Figure-7

g. When the DMM update is finished, restart your DMM and select EXIT to close the DMM update window as shown in the Figure-8. Of course, if you would like to repeat the upgrade procedures, click "Select".

Source DMM update_1.03	<
KEITHLEY INSTRUMENTS INC.,MODEL 2110,1311132,T1.02-00-00-42 USB0::0x05E6::0x2110::1311132::INSTR The first file load complete. The second file load complete. The third file load complete. Meter update finish. Please restart the meter.	
Select	

Figure-8