

## Instructions for Updating Weather Sleuth Firmware

The WeatherSleuth Firmware update works best on a quite network, so please ensure that no-one on your network is steaming video or music, video calling or downloading when you start.

PC

- 1) Obtain the latest Save the latest firmware for the Weather Sleuth receiver from your regional distributor:
  - a. UK and EU greenfrogscientific.co.uk
  - b. Australia monaxtestandweather.com.au
  - c. New Zealand scientificsales.co.nz
- 2) Install IP Tools from your CD or download a copy from: http://www.aercusinstruments.com/downloads/.
- 3) Open IP Tools and select the IP address on your network adaptor and press OK.

Select IP				$\times$
	HostIp:	192.168.1.83	~	
			Ok	(

4) Press Search, and you will find the Weather Sleuth device information from all receivers on your network

🤍 IF	P Tools						_		×
	IP:	255.255.255.	255	Search	Ope	en	Upgrad	de	
	NO. 1	Device Name DSM1	MAC Address 00-0E-C6-20-09-87	DHCP Enable	IP 192.168.1.64	Port 5000	Mode Client	Status Idle	



5) Choose the device you need to upgrade and click the Upgrade button.

IP	:	255.255.255.	255	Search	Ope	en	Upgrad	de
N	0. 1	Device Name DSM1	MAC Address 00-0E-C6-20-09-87	DHCP Enable	IP 192.168.1.64	Port 5000	Mode Client	Status Idle

6) Select the firmware file obtained in 2 (For example WH2600\_v2.2.7.bin) and click Upgrade Firmware

Jpgrade Firmware						×		
FileName: C:\Users\ivor\Downloads\Wł	H2600_V2.2.7.bin Select F	ile IP Setting>> grade Firmware	Upgrade info Device Name:DSM1 Device IP:192.168.1.64 Device Mac:00-0E-C6-20-09-87	•				
	<ul> <li>Open</li> <li>← → × ↑ ↓ &gt; This PC</li> </ul>	Downloads		v Ŭ	Search Downlo	pads	ز م	<
	Organise ▼       New folder         ▼       This PC         >       Desktop         >       Desktop         >       Documents         >       Downloads         >       Pictures         >       Local Disk (C:)         >       Network	Name           WH2600_V2.1.9.bi           WH2600_V2.2.3.bi           WH2600_V2.2.7.bi	n n	Date modifie 14/12/2015 1 09/03/2017 1 02/05/2017 1	d 5:35 6:02 1:41	BEE V Type BIN File BIN File BIN File		
	∽ File name:	<		Ŷ	(*.bin) Open	Ca	~ ncel	>



7) The progress bar will fill from left to right – do not use your computer when the firmware is being installed.

Ipgrade Firmware				X
FileName: C:\Users\ivor\Downloads\WH2600_v3.1.2.bin Do not perform any keyboard or mouse commands while the firmware is upgrading!	Select File IP Setting>> Stop Upgrade	Upgrade info Device Name:D Device IP:192. Device Mac:00-	SM1 168.1.64 0E-C6-20-09-87	
TFTP server @ 192.168.1.83 is running on UDP port Received a Read request from 192.168.1.64 on port 1	59 successfully. 026 (file: C:\Users\ivor\Download	IP Address	MAC Address	
		Delete All	Delete	Exit

8) Once complete you will get confirmation and your receiver will then reboot.

Upgrade Firmware				×
FileName: C:\Users\ivor\Downloads\WH2600_v3.1.2.bin Upgrade Complete!	Select File IP Setting>> Upgrade Firmware	Upgrade info Device Name:E Device Pr:192. Device Mac:00	DSM1 168.1.64 -0E-C6-20-09-87	
TFTP server @ 192.168.1.83 is running on UDP por Received a Read request from 192.168.1.64 on port Read session is completed successfully. TFTP server stoped.	t 69 successfully. 1026 (file: C:\Users\ivor\Download	IP Address	MAC Address	
		Delete All	Delete	Exit



If the upgrade fails, please follow the below steps:

1) Follow steps 1 to 4 from the instructions above. A device that failed to upgrade will not show on the device list. For example: if the receiver with MAC address 00-0E-C6-00-00-5A failed to upgrade - it will not show on the below list:

9.1	<sup>o</sup> Tools						-		$\times$
	IP:	255.255.255.	255	Search	Ope	en	Upgrad	de	
	NO. 1	Device Name DSM1	MAC Address 00-0E-C6-20-09-87	DHCP Enable	IP 192.168.1.64	Port 5000	Mode Client	Status Idle	

2) If the device doesn't show on the list, user to click upgrade button directly without choosing a device.

ileName:			You did not se	lect a device, the update mode	is DHCP &
C:\Users\ivor\Dropbox (Scientific Sales)\Scientific Sal	Select File	IP Setting>>		ioue.	
	Upgrade	Firmware			
I					
			IP Address	MAC Address	



3) Select the firmware file obtained in 1 (For example WH2600\_v2.2.7.bin) and click Upgrade Firmware

Open           Organise ▼     New folder       Organise ▼     New folder       Name     Desktop     Desktop     Desktop     Desktop     Desktop     Documents     Music     Network       Network				
Organise        New folder         Image: Second Disk (C:)       Image: Second Disk (C:)         Image: Second Disk (C:)       Image: Second Disk (C:)	v U	Search Down	nloads	 × م
~ <	ate modifie 4/12/2015 9/03/2017 2/05/2017	nodified 2015 15:35 2017 16:02 2017 11:41	Type BIN File BIN File BIN File	

4) The software will then scan your network for WeatherSleuth receivers and update them as above.

FileName:			Upgrade info		
D:\Work_item\WH2600_RJ45\wh2600_1.0.2_Weatl	Select File I	P Setting>>	Device Name:D Device IP: 10. 10	SM1 0.10.115	
Do not perform any keyboard or mouse commands while the firmware is upgrading!	Stop		Device Mac:00-	0E-C6-00-00-5A	
	Upgrade				
				The second se	
TP server @ 10.10.10.103 is running on UDP port 6	9 successfully.		IP Address	MAC Address	
FTP server @ 10.10.10.103 is running on UDP port 6 eceived a Read request from 10.10.10.115 on port 1	9 successfully. 1026 (file: D:\Work_it	tem\WH260	IP Address	MAC Address	
FTP server @ 10.10.10.103 is running on UDP port 6 eceived a Read request from 10.10.10.115 on port 1	9 successfully. 1026 (file: D: \Work_it	tem (WH260)	IP Address	MAC Address	
(FTP server @ 10.10.10.103 is running on UDP port 6 Received a Read request from 10.10.10.115 on port 1	9 successfully. 1026 (file: D:\Work_it	tem\WH260	IP Address	MAC Address	
TFTP server @ 10.10.10.103 is running on UDP port 6 Received a Read request from 10.10.10.115 on port 1	9 successfully. 1026 (file: D:\Work_it	tem\WH260	IP Address	MAC Address	



grade Firmware						
FileName:				Upgrade info		
D:\Work_item\WH2600_RJ45\wh2600_1.0.2_Weatl	Select File	IP Setting>>	1	Device Name:DSI Device IP: 10. 10.	M1 10.115	
Upgrade Complete!	Upgrad	e Firmware	]	Device Mac:00-0	E-C6-00-00-5A	
TFTP server @ 10.10.10.103 is running on UDP port 69 Received a Read request from 10.10.10.115 on port 10 Read session is completed successfully. IFTP server stoped.	successfully. 026 (file: D:\Wo	ork_item\WH260	^	IP Address	MAC Address	
			~			
				Delete All	Delete	Exit



Mac

- 1) Obtain the latest Save the latest firmware for the Weather Sleuth receiver from your regional distributor:
  - a. UK and EU greenfrogscientific.co.uk
  - b. Australia monaxtestandweather.com.au
  - c. New Zealand scientificsales.co.nz
- 2) Install IP Tools from your CD or download a copy from: <u>http://www.aercusinstruments.com/downloads/.</u>
- 3) Open IP Tools and select the IP address on your network adaptor and press Search.

No.	Device	name	Mac Adress	DHCP	IP	Port	Mode	Status
1	DSM1		00-0E-C6-00-00-37	Enable	192.168.0.99	5000	Client	Idle
Hostil	P:	192.1	l68.0.199 🔻			Sea	arch	
Devic	e Info:	IP:19	2.168.0.99 Mac:00-	0E-C6-00	-00-37 Port:5000		ben	
				22011				
Path:		/User	s/hyx/Desktop/USA_v	(2.2.0.bin		Cho	ose File	
Path:	[	/User	s/hyx/Desktop/USA_v	/2.2.0.bin		Up	ose File data	Dhcp
Path:	(	/User	s/hyx/Desktop/USA_v	/2.2.0.bin	IP-M/	Cho Up AC List	ose File data I P Setting	Dhcp
Path:	[	/User	s/hyx/Desktop/USA_v	/2.2.0.bin	IP-M/ IP Address 192.168.0.101	AC List MAC / 00-0	ose File data I P Setting ddress E-C6-00-C	Dhcp
Path:	[	/User	s/hyx/Desktop/USA_v	/2.2.0.bin	IP-M/ IP Address 192.168.0.101	AC List MAC J	ose File data I P Setting address E-C6-00-0	Dhcp
Path:	[	/User	s/hyx/Desktop/USA_v	/2.2.0.bin	IP-M/ IP Address 192.168.0.101	AC List MAC /	ose File data I P Setting ddress E-C6-00-C	Dhcp

4) Choose the device you need to upgrade in the top panel

No. 1	Device name DSM1	Mac Adress 00-0E-C6-00-00-37	DHCP Enable	IP 192.168.0.99	Port 5000	Mode Client	Status Idle



- 5) Click Choose File to Select the firmware file obtained in 2 (For example WH2600\_v2.2.7.bin) and click Update
- 6) The update will now proceed in the same way as the PC version.