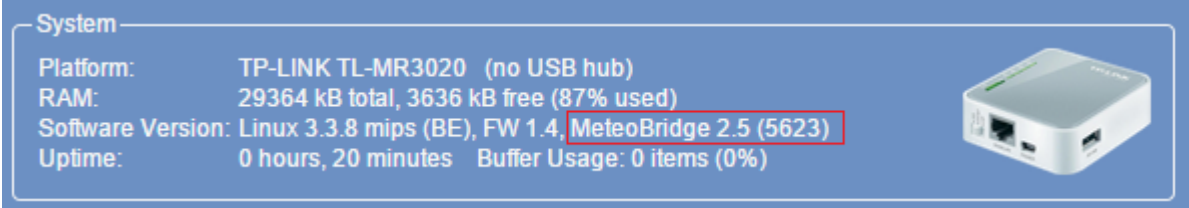


MeteoBridge for Wireless Weatherlink Communication

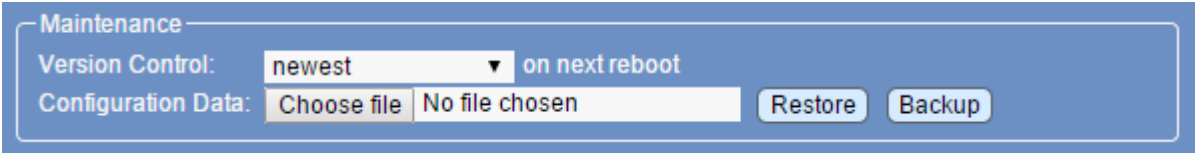
MeteoBridge can now be used in conjunction with Weatherlink on the PC, allowing both systems to run simultaneously.

1. Check MeteoBridge is running Version 2.5
 - Open the MeteoBridge Web interface
 - Go into the System tab
 - Check the Software Version is displaying MeteoBridge 2.5



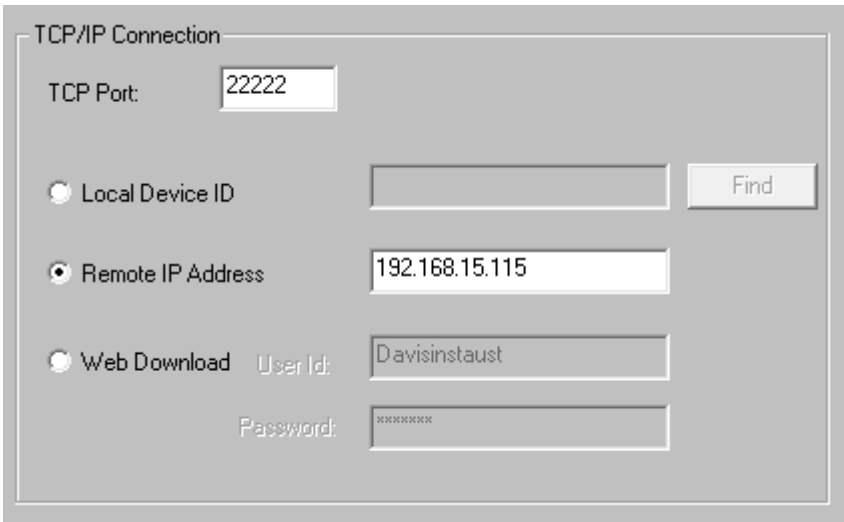
The screenshot shows the 'System' tab of the MeteoBridge web interface. It displays the following information: Platform: TP-LINK TL-MR3020 (no USB hub); RAM: 29364 kB total, 3636 kB free (87% used); Software Version: Linux 3.3.8 mips (BE), FW 1.4, MeteoBridge 2.5 (5623); Uptime: 0 hours, 20 minutes; Buffer Usage: 0 items (0%). A small image of the MeteoBridge device is shown on the right.

- If it is showing a different version set version control to “newest”



The screenshot shows the 'Maintenance' tab of the MeteoBridge web interface. It features a 'Version Control' dropdown menu set to 'newest' with a 'on next reboot' label. Below it is a 'Configuration Data' section with a 'Choose file' button, a 'No file chosen' text, and 'Restore' and 'Backup' buttons.

- Click Save and Apply, then click Reboot.
 - Once it's rebooted check the version is displaying 2.5
2. Setup Communications Port
 - Open Weatherlink
 - Goto Setup -> Communication Port
 - Select communications as TCP/IP



The screenshot shows the 'TCP/IP Connection' configuration window in Weatherlink. It has a 'TCP Port' field set to '22222'. There are three radio buttons: 'Local Device ID' (unselected), 'Remote IP Address' (selected), and 'Web Download' (unselected). The 'Remote IP Address' field contains '192.168.15.115'. Below the 'Web Download' option, there are 'User Id:' and 'Password:' fields. The 'User Id' field contains 'Davisinstaust' and the 'Password' field contains 'XXXXXXXXXX'. A 'Find' button is located to the right of the 'Local Device ID' field.

- Ensure the TCP port is set to “22222”
- In Remote IP Address enter the IP address of your MeteoBridge.
- Click “TEST”, you may get a TCP/IP error. Try the “TEST” again until the message “a vantage station was found”

Once the vantage station is found download the data to verify it is working.

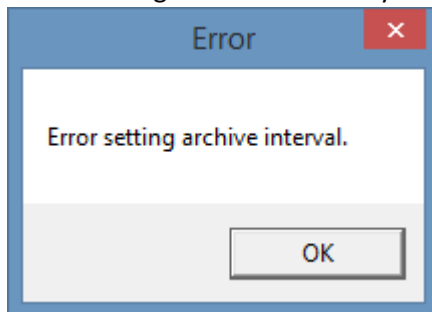
NOTES:

As communication is going through multiple devices communications are **a lot** slower than when talking directly to the device. Downloads of large amounts of data will take time.

Bulletin takes a while to open but once running there is minimal delay.

When using a Weatherlink IP data logger changing calibrations and setting alarms can return a TCP/IP communications error. However the changes are applied. You can verify by looking at the console.

When setting Archive Intervals you will receive the error message



But the interval will have been changed. Wait one archive period and download the data to verify changes have been applied.