QUARCHPY + x6 HD PPM QUICK START

***1.*** *INSTALL PYTHON*

Make sure your Python’s version matches your system’s architecture (i.e. Python 64 bits for a 64 bits OS).

**Testing Python** – open your terminal or command prompt and type “python”. If the output shows the version you installed, you successfully installed python.

***2.*** *INSTALL QUARCHPY – DO* ***2.A*** *or* ***2.B***

**2.A.** WEB INSTALL

Open a terminal (Linux) or command prompt (Windows) windows and enter

>pip install quarchpy

If you get an error informing “pip could not be found”, please run:

**>python –m pip install quarchpy**

**2.B.** LOCAL INSTALL

Unzip QuarchPy-1.3.1.zip, navigate to the folder containing *setup.py* and run:

**>pip install quarchpy .**

If you get an error informing “pip could not be found”, please run:

**>python –m pip install quarchpy .**

**Testing QuarchPy** – open your terminal or command prompt and type “python”. When the python console opens (>>) type *import quarchpy*. If you don’t see an error, you successfully installed QuarchPy.

***3.*** *SETTING UP YOUR QTL1995 X6 HD PPM*

Connect all your six modules to the network and power up your module.

**Testing your PPM** – open Torridon Terminal. You should be able to see the main module (QTL1995-02-002) and all the six individual PPMs. If you select *Advanced View* from the menu button  (right- upper corner), you can see the NetBIOS name and IP address of each module (QTL1995-02-002-00n, where n = 1,2, 3, 4, 5 or 6). This will be useful later when you set up your devices through your script.

***4.*** *TEST SCRIPT*

The file *testScript.py* is intended to check the connection with your device using QuarchPy as the backend. If it executes successfully, QuarchPy is correctly configured and operational and you can go on with more complex scripts.