How to use Eccowitt "Custom upload" protocol

Check also this forum topic https://www.wxforum.net/index.php?topic=38500.0

We use `/pwsWD/ecowitt/index.php` script to receive the data from your Ecowitt device
The most important setting is at line 3 of that script, your passkey.
This is a string of characters unique to your device. The script will only accept the data if the passkey in the data is the same as the passkey on line 3 of the script.

This is a 'chicken or the egg' problem as we do not know what the secret passkey is, before your Ecowitt device is uploading to your site.

First step: Tell your ecowitt device to upload the data to your server.
Use your "WS View" app and follow the steps
- Click the menu icon => Device list
- Select your device
- Click More (at the top right) and select "Weather Services"
- Click "Next" (at the top right) until you are at "Customized"
- Select "Enable"
- Select "Ecowitt" protocol
- Type your webserver name   www.xxxxx.yyy
- The path should be `/pwsWD/ecowitt/`You should use your own folder name if not pwsWD/
- The port 80 if your site accepts http
   or 443 if only https is allowed, but mostly that does not work
- Set the upload interval to a reasonable value in seconds.
   If you set it to fast your provider will block you as the DDOS attach filter will detect it.
   2 minutes (120 seconds) is often fast enough but to run a first test 60 seconds can be used.
- Press save and the data should be flowing to your webserver.

Second step:
We can now inspect using your browser the file
`/pwsWD/ecowitt/ecco_stats.txt`.
When there are problems this file will contain debug information.

Also it will list all unknown data. You will see your uploads and the first field shown is labelled passkey
```
[PASSKEY] => 40339301C87CDC747FC3DEAB8C7583C2
[stationtype] => GW . . .
```

Third step:
You should now copy that string to line 3 of `/pwsWD/ecowitt/index.php` so it reads
```
$passkey1 = '40339301C87CDC747FC3DEAB8C7583C2';   // if PASSKEY is known enter it here
```

Fourth step:
What we accomplished is that the receiving script will accept valid data only!
You can change line 33 of `/pwsWD/ecowitt/index.php` to comment, add a # first position.
```
# $test_mode      = true;
```

Extra:
Now you should delete the contents of `/pwsWD/ecowitt/ecco_stats.txt`
Use your FTP program to do that

Easyweathersetup:
Now you can set in easyweather the location of the generated file **./ecowitt/ecco_lcl.arr**