Server Utility Setup

1.Server Storage Utility – EKY Cloud Storage

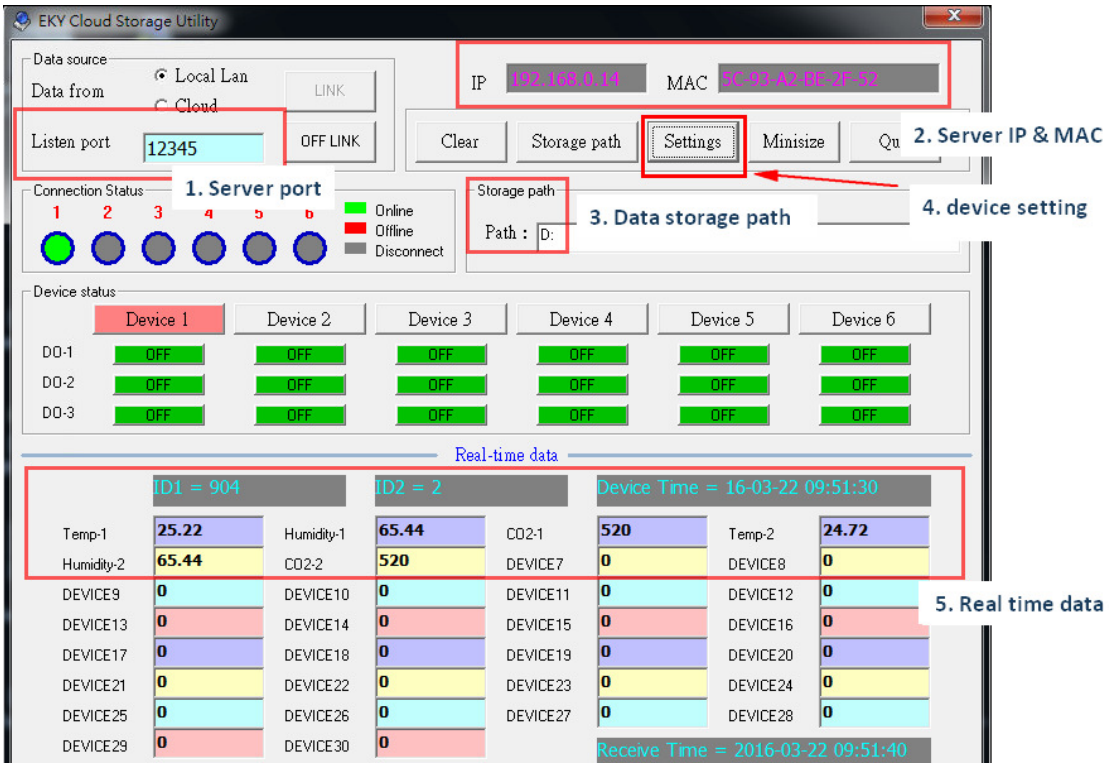
This utility is installed at remote server, PC or Laptops, for receiving data from WPC-132-DL.

2. Installation of Utility

Double click Storage Utility. Follow the instruction to set up the tool. After set up process had been completed, you will see following shortcut Icon.

3. Server Storage Utility

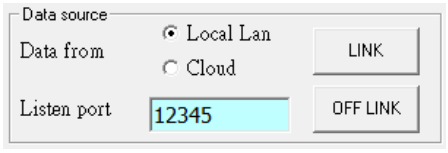
Double click the utility Icon, following window pops up.



Where

1. Server listening port
2. Server IP address & MAC address
3. Data storage location
4. RTU device setting
5. Real time data read from device

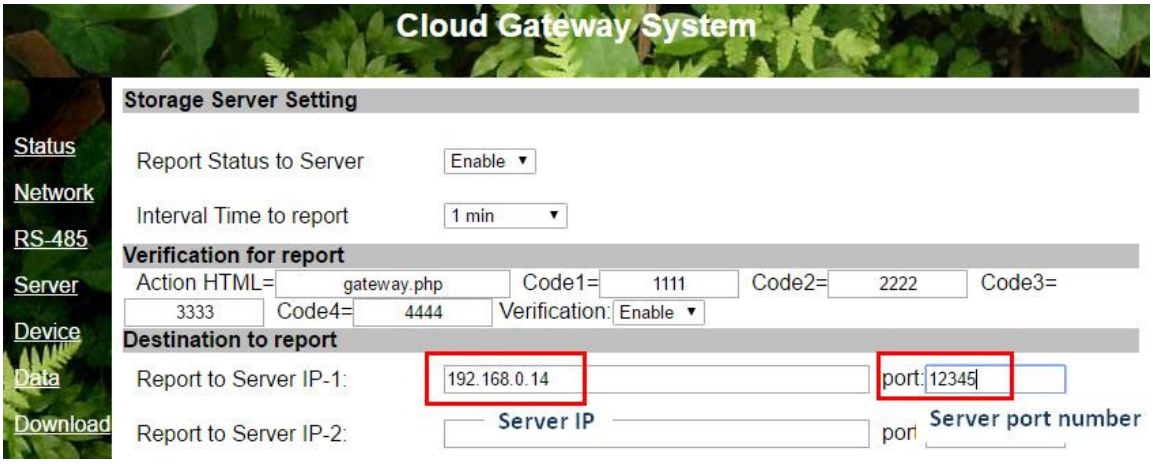
3.1 Data source - Server listening port



3.2 Please choose “Local LAN” mode

3.3 Input listen port number

This listen port should be the same port number as what WPC-132-DL “server” page remote server IP and port number presents (below figure).

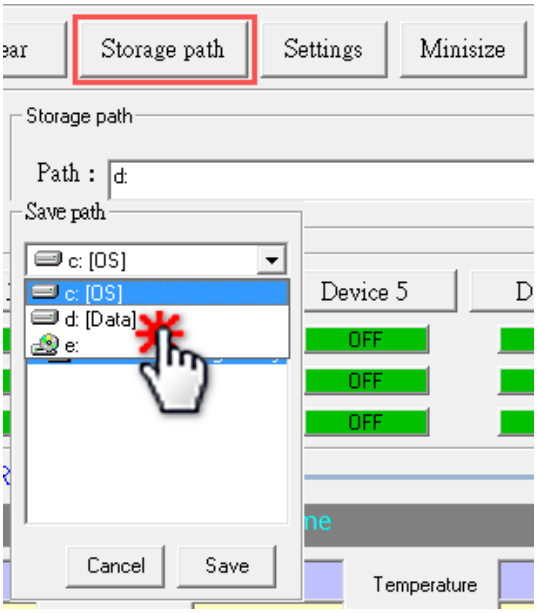


3.4 Server IP and MAC address

Utility will show this server IP address and MAC address automatically

3.5 Storage Path

Choose where to store the data folder

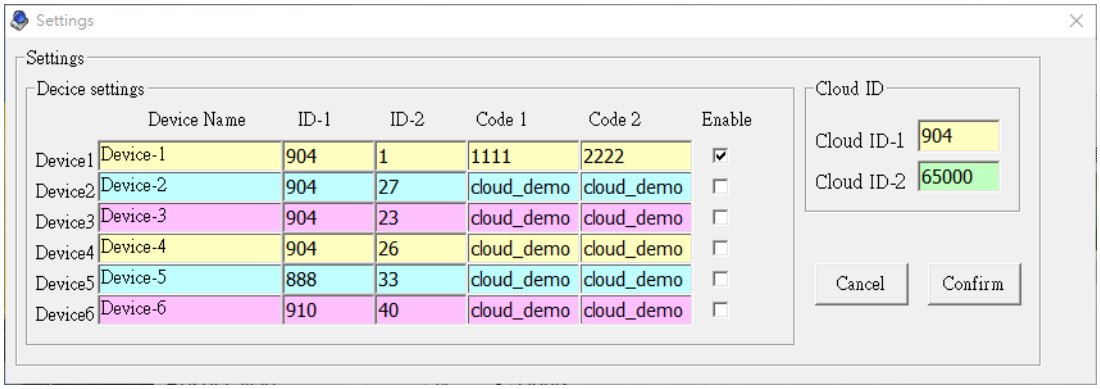


3.6 RTU Device setting

Click “Setting” to setup device parameters. Following page will shows up

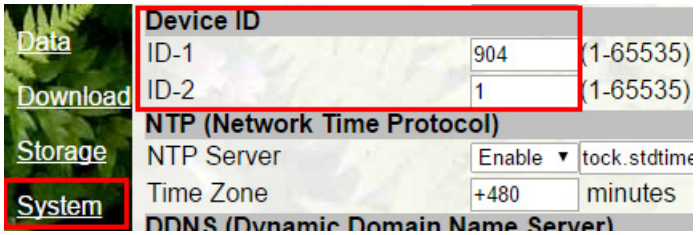
Click “Device settings” to set up davice

3.7 Device settings

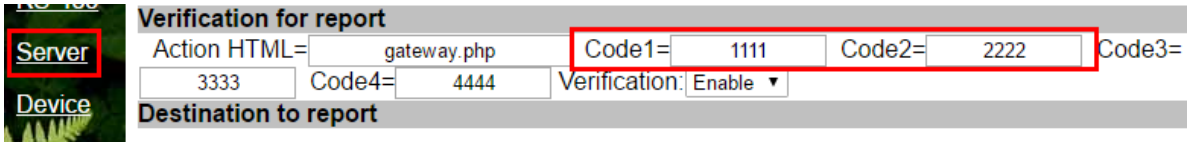


Where

1. Device Name – Input your device name
2. ID-1 & ID-2 – Keep ID 1 / ID-2 the same setting values as that on WPC-132-DL web UI “System” Device ID numbers



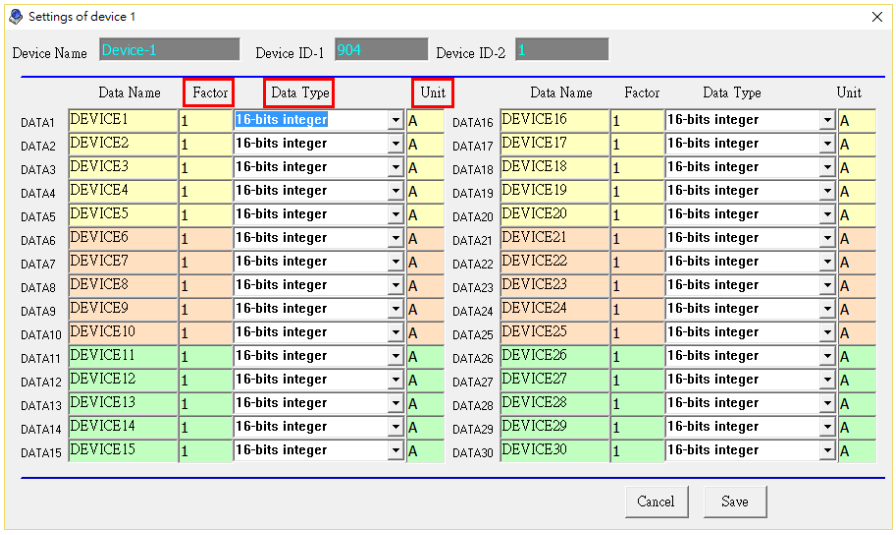
3. Code 1 & Code 1 – Verification code for report. Please keep the same value as that on WPC-132-DL web UI “Server” verification for report.



4. Enable – click to enable device.

Please follow the same way to setup different devices. Click ”Confirm” when finish devices setup. Setting page will be shown up again.

3.8 Setup Device 1



In this page

3.8.1 Factor: input factor to present correct data reading, such as 1, 0.1, 0.01, 0.001,…etc.

3.8.2 Data typer: There are 6 different types. Default is 16-bits integer.

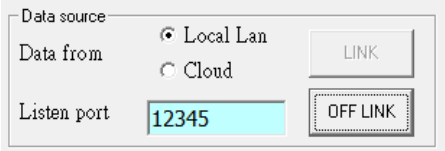
3.8.3 Unit: Please input the unit of Data such as ℃; A; V; ppm,…

3.8.4 Setup Device 2, 3,… as per setting Device 1.

3.8.5 After setup all devices, please click “Return”. The utility main page will show up.

4. Link:

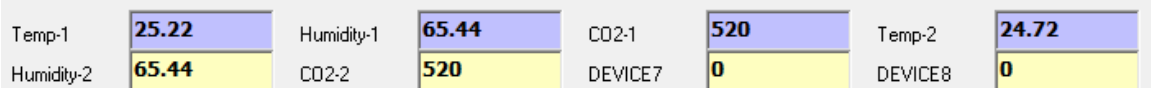
Click “Link” on Data Source sector, WPC-132-DL will link to server and start to transmit data



5. Real-time Data

After parameter setup correctly, the following data will be presented on the utility.

5.1 Real time data

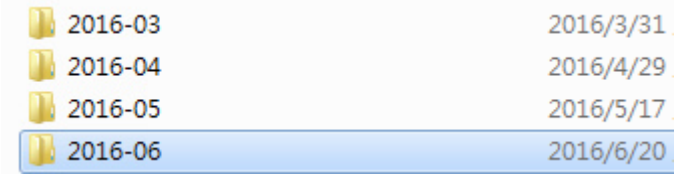


5.2 Device time

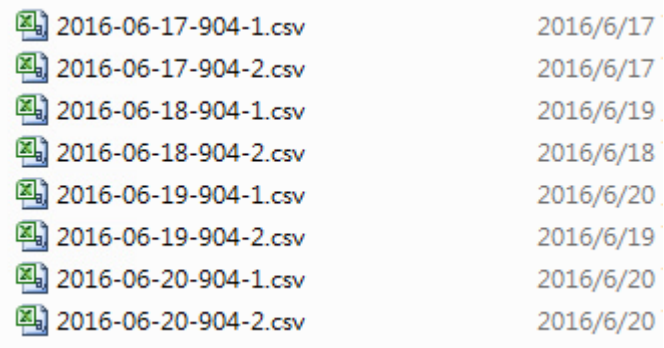
5.3 Received Time

6. Data Storage Location & file content

Check the data storage location where the folder of “year-month” will be created



And the daily csv file will be created.



6.1 The csv file content

Follow the setting record the data every minute.

INDEX	ID NO	VERSION	Temp-1	Humidity-1	CO2-1	Temp-2	Humidity-2	CO2-2	RECEIVE-TIME
0	904	1	31.35	64.73	413	0	0	0	2016/6/20 00:00
1	904	1	31.47	64.76	413	0	0	0	2016/6/20 00:01
2	904	1	31.35	64.74	417	0	0	0	2016/6/20 00:02
3	904	1	31.35	64.76	420	0	0	0	2016/6/20 00:03
4	904	1	31.35	64.72	420	0	0	0	2016/6/20 00:04
5	904	1	31.35	64.62	421	0	0	0	2016/6/20 00:05
6	904	1	31.35	64.72	423	0	0	0	2016/6/20 00:06
7	904	1	31.35	64.65	418	0	0	0	2016/6/20 00:07
8	904	1	31.41	64.66	415	0	0	0	2016/6/20 00:08
9	904	1	31.35	64.72	416	0	0	0	2016/6/20 00:09
10	904	1	31.35	64.74	415	0	0	0	2016/6/20 00:10
11	904	1	31.35	64.74	414	0	0	0	2016/6/20 00:11
12	904	1	31.41	64.81	412	0	0	0	2016/6/20 00:12
13	904	1	31.28	64.85	412	0	0	0	2016/6/20 00:13