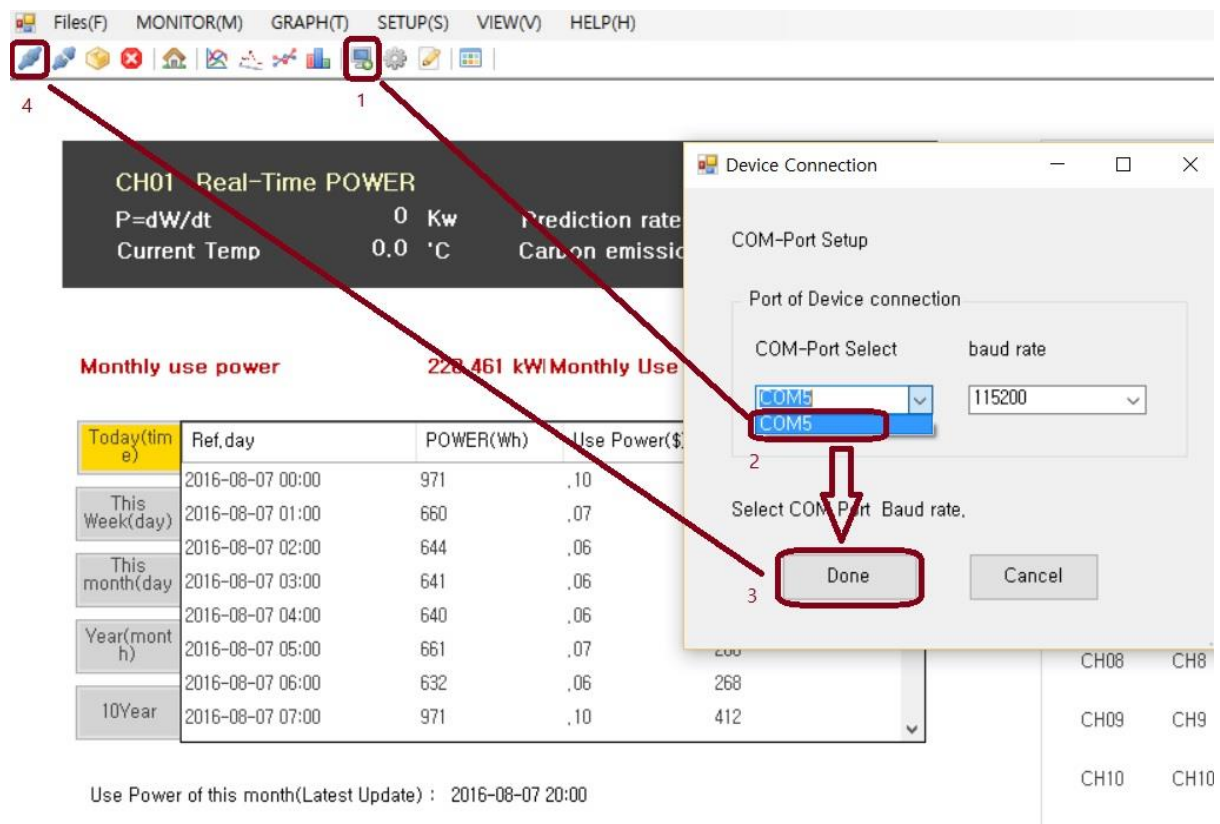


SEM3000 PC SOFTWARE OPERATION

- 1) Please connect the pc cable which we supplied together with SEM3110 receiver.
- 2) Please download the pc software from the download site at <http://www.mywatt.biz/m/> If you are using Windows 10, you need the [CP210x USB to UART Bridge VCP Drivers - Silicon Labs](#) driver.
If you are using Windows 7, you need PC software Driver together with NetFramework for PC Driver

- 3) Communication port setting is necessary. Please do the following process.



- 4) Please make time synchronization SEM3000 with PC by click the "execution" icon of Time Synchronization.

POST SETUP BOARD

Time synchronization

Synchronizing time **execution**

Co2 Equivalent input

0.42 0.425kg SET

Base payment set

0.10 0.1 SET

Use Voltage set

220V 220V SET

network set

Device No: 123456

MAC : 00 00 21 EB 8C 96

Server IP: 115 068 013 183

MY IP: 192 168 000 050

PORT : 4700

Getting SET

5) Realtime data download function.

Please input the download start time and click "DATA Down" icon. Then you could see the download operation circle display until it is finished.

0

CH01 Real-Time POWER

P=dW/dt 0 Kw Prediction rates .00 \$

Current Temp 23.9 °C Carbon emissions .000 Kg

Monthly use power 0 kWh Monthly Use rates 0 \$

Today(time)	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
This Week(day)				
This month(day)				
Year(month)				
10Year				

2

Of bringing the data ...

Jams a lot of time depending on the data amount, Please Wait.

Please enter the required period.
(Setup date or date of final update) 2017-11-01

DATA Down

1

6) After finishing the download process, please click the following icon "10Year", "Year", "This month", "This Week", "Today" step by step as below: for "Channel1"

CH01 Real-Time POWER
P=dW/dt 0 Kw Prediction rates .00 \$
Current Temp 23.7 °C Carbon emissions .000 Kg

Monthly use power 0 kWh Monthly Use rates 0 \$

Today(tim e)	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
This Week(day)	2017	170.608	17.06	72.338
This month(day)	2018	0	.00	
Year(month h)				
10Year				

Use Power of this month(Latest Update) : 2018-01-15 13:00

Please enter the required period,
(Setup date or date of final update) 2017-11-01 DATA Down

CH01 Real-Time POWER
P=dW/dt 0 Kw Prediction rates .00 \$
Current Temp 23.7 °C Carbon emissions .000 Kg

Monthly use power 0 kWh Monthly Use rates 0 \$

Today(tim e)	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
This Week(day)	2018-01	0	.00	
This month(day)				
Year(month h)				
10Year				

Use Power of this month(Latest Update) : 2018-01-15 13:00

Please enter the required period,
(Setup date or date of final update) 2017-11-01 DATA Down

CH01 Real-Time POWER
P=dW/dt 0 Kw Prediction rates .00 \$
Current Temp 23.7 °C Carbon emissions .000 Kg

Monthly use power 0 kWh Monthly Use rates 0 \$

Today(tim e)	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
This Week(day)	2018-01-01	0	.00	
This month(day)	2018-01-02	0	.00	
Year(month h)	2018-01-03	0	.00	
10Year	2018-01-04	0	.00	
	2018-01-05	0	.00	
	2018-01-06	0	.00	
	2018-01-07	0	.00	
	2018-01-08	0	.00	

Use Power of this month(Latest Update) : 2018-01-15 13:00

Please enter the required period,
(Setup date or date of final update) 2017-11-01 DATA Down

CH01 Real-Time POWER
P=dW/dt 0 Kw Prediction rates .00 \$
Current Temp 23.6 °C Carbon emissions .000 Kg

Monthly use power 0 kWh Monthly Use rates 0 \$

Today(tim e)	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
This Week(day)	2018-01-13	0	.00	
This month(day)	2018-01-14	0	.00	
Year(month h)	2018-01-15	0	.00	
10Year				

Use Power of this month(Latest Update) : 2018-01-15 13:00

Please enter the required period,
(Setup date or date of final update) 2017-11-01 DATA Down

CH01 Real-Time POWER
P=dW/dt 0 Kw Prediction rates .00 \$
Current Temp 23.6 °C Carbon emissions .000 Kg

Monthly use power 0 kWh Monthly Use rates 0 \$

Today(tim e)	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
This Week(day)	2018-01-15 00:00	0	.00	
This month(day)	2018-01-15 01:00	0	.00	
Year(month h)	2018-01-15 02:00	0	.00	
10Year	2018-01-15 03:00	0	.00	
	2018-01-15 04:00	0	.00	
	2018-01-15 05:00	0	.00	
	2018-01-15 06:00	0	.00	
	2018-01-15 07:00	0	.00	

Use Power of this month(Latest Update) : 2018-01-15 13:00

Please enter the required period,
(Setup date or date of final update) 2017-11-01 DATA Down

- 7) After finishing the download process, please click the following icon "10Year", "Year", "This month", "This Week", "Today" step by step as below: for "Channel4"
If we have good data on Channel 4, we need to move to Channel 4.

change to Ch.4

CH01 Real-Time POWER
P=dW/dt 1.254 Kw Prediction rates 90.29 \$
Current Temp 30.3 °C Carbon emissions .533 Kg

CH-Select : (Main Power)

CH01	main	CH01
CH02	CH2	CH02
CH03	CH3	CH03
CH04	CH4	CH04
CH05	CH5	CH05
CH06	CH6	CH06
CH07	CH7	CH07
CH08	CH8	CH08
CH09	CH9	CH09
CH10	CH10	CH10

Monthly use power 0 kWh **Monthly Use rates** 0 \$

	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
Today(tim e)				
This Week(day)				
This month(day)				
Year(month h)				
10Year				

Of bringing the data ...
Jams a lot of time depending on the data amount, Please Wait.

Please enter the required period.
(Setup date or date of final update) 2015-01-01

DATA Down

ON **OFF**

Channel 4 data series.

CH04 Real-Time POWER
P=dW/dt 2.972 Kw Prediction rates 213.98 \$
Current Temp 23.6 °C Carbon emissions 1.263 Kg

Monthly use power 0 kWh **Monthly Use rates** 0 \$

	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
Today(tim e)				
This Week(day)	2017	1,246,733	124.67	528,615
This month(day)	2018	358,663	35.87	152,073
Year(month h)				
10Year				

Use Power of this month(Latest Update) : 2018-01-15 13:00

Please enter the required period.
(Setup date or date of final update) 2017-11-01

DATA Down

CH04 Real-Time POWER
P=dW/dt 3.134 Kw Prediction rates 225.65 \$
Current Temp 23.6 °C Carbon emissions 1.332 Kg

Monthly use power 0 kWh **Monthly Use rates** 0 \$

	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
Today(tim e)				
This Week(day)	2018-01	358,663	35.87	152,073
This month(day)				
Year(month h)				
10Year				

Use Power of this month(Latest Update) : 2018-01-15 13:00

Please enter the required period.
(Setup date or date of final update) 2017-11-01

DATA Down

CH04 Real-Time POWER
P=dW/dt 3.204 Kw Prediction rates 230.69 \$
Current Temp 23.5 °C Carbon emissions 1.362 Kg

Monthly use power 0 kWh **Monthly Use rates** 0 \$

	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
Today(tim e)	2018-01-01	5,686	.57	2,411
This Week(day)	2018-01-02	36,606	3.66	15,521
This month(day)	2018-01-03	26,978	2.70	11,439
Year(month h)	2018-01-04	39,645	3.96	16,809
10Year	2018-01-05	30,281	3.03	12,839
	2018-01-06	5,705	.57	2,419
	2018-01-07	5,687	.57	2,411
	2018-01-08	36,563	3.66	15,503

Use Power of this month(Latest Update) : 2018-01-15 13:00

Please enter the required period.
(Setup date or date of final update) 2017-11-01

DATA Down

CH04 Real-Time POWER
P=dW/dt 3.288 Kw Prediction rates 236.74 \$
Current Temp 23.6 °C Carbon emissions 1.397 Kg

Monthly use power 0 kWh **Monthly Use rates** 0 \$

	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
Today(tim e)	2018-01-13	5,656	.57	2,398
This Week(day)	2018-01-14	5,661	.57	2,400
This month(day)	2018-01-15	16,687	1.67	7,075
Year(month h)				
10Year				

Use Power of this month(Latest Update) : 2018-01-15 13:00

Please enter the required period.
(Setup date or date of final update) 2017-11-01

DATA Down

CH04 Real-Time POWER
 $P=dW/dt$ 3.088 Kw Prediction rates 222.34 \$
 Current Temp 23.5 °C Carbon emissions 1.312 Kg

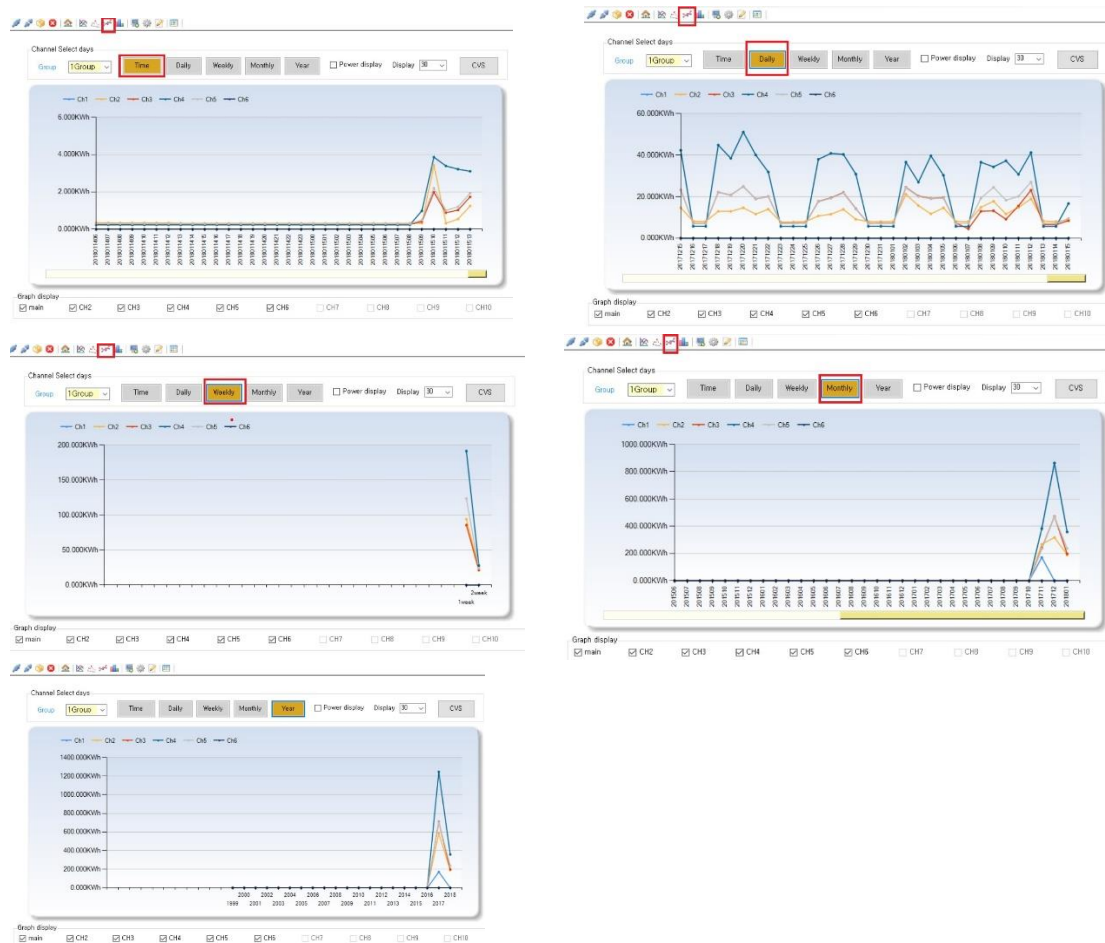
Monthly use power 0 kWh Monthly Use rates 0 \$

Today(time)	Ref.day	POWER(Wh)	Use Power(\$)	Carbon emissions(g)
This Week(day)	2018-01-15 00:00	236	.02	100
This month(day)	2018-01-15 01:00	237	.02	100
	2018-01-15 02:00	238	.02	101
	2018-01-15 03:00	238	.02	101
	2018-01-15 04:00	238	.02	101
Year(month)	2018-01-15 05:00	238	.02	101
	2018-01-15 06:00	237	.02	100
10Year	2018-01-15 07:00	235	.02	100

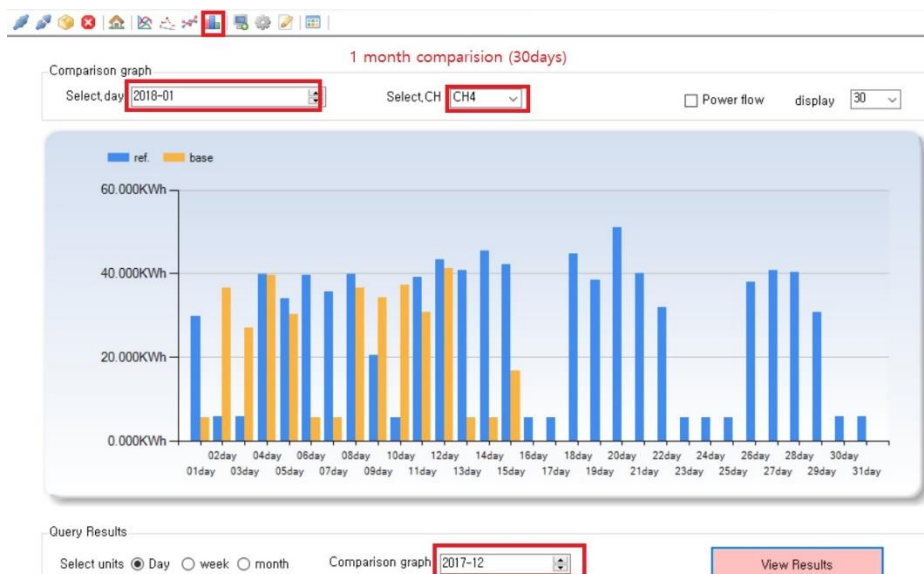
Use Power of this month(Latest Update) : 2018-01-15 12:00

Please enter the required period.
 (Setup date or date of final update) 2017-11-01 DATA Down

8) Then you could see the logged graph for all channels:



9) The you could compare 2 months as below:



- 10) If you to erase all the data on SEM3000 and pc software and make clear database, please click Setup -> Dbase -> Delete. You can erase the logged database 100%.

SEM-3000 PC Program - [Monitoring]

Files(F) MONITOR(M) GRAPH(T) SETUP(S) VIEW(V) HELP(H)

Port Set → com port selection

SEM POST → clock, voltage, cost setting for single rate.

CH.Alias → channel naming

Payment Setup → Tariff rate setup up to 6 tiered rate.
(In case of Single rate application, this setup is not necessary)

Dbase → Delete

When you want to delete the database, use this icon.

CH01 Real-Time POW

P=dW/dt

Current Temp 0.0 °C

Carbon emissions 0 \$ 0 Kg

Monthly use power 228.461 kW Monthly Use rates 22.85 \$

Today(time)	Ref,day	POWER(Wh)	Use Power(\$)	Carbon emissinns(a)
This Week(day)	2016-08-07 00:00	971	,10	412
	2016-08-07 01:00	660	,07	280
	2016-08-07 02:00	644	,06	273
This month(day)	2016-08-07 03:00	641	,06	272
	2016-08-07 04:00	640	,06	271
	2016-08-07 05:00	661	,07	280
	2016-08-07 06:00	632	,06	268
Year(month)	2016-08-07 07:00	971	,10	412
10Year				

Use Power of this month(Latest Update) : 2016-08-07 20:00

11) If you want to change the channel name, please use as below:

Channel preferences

CH,Name Group Config

Select Change of CH

CH,Select : CH04

CH,Nam : Cooker

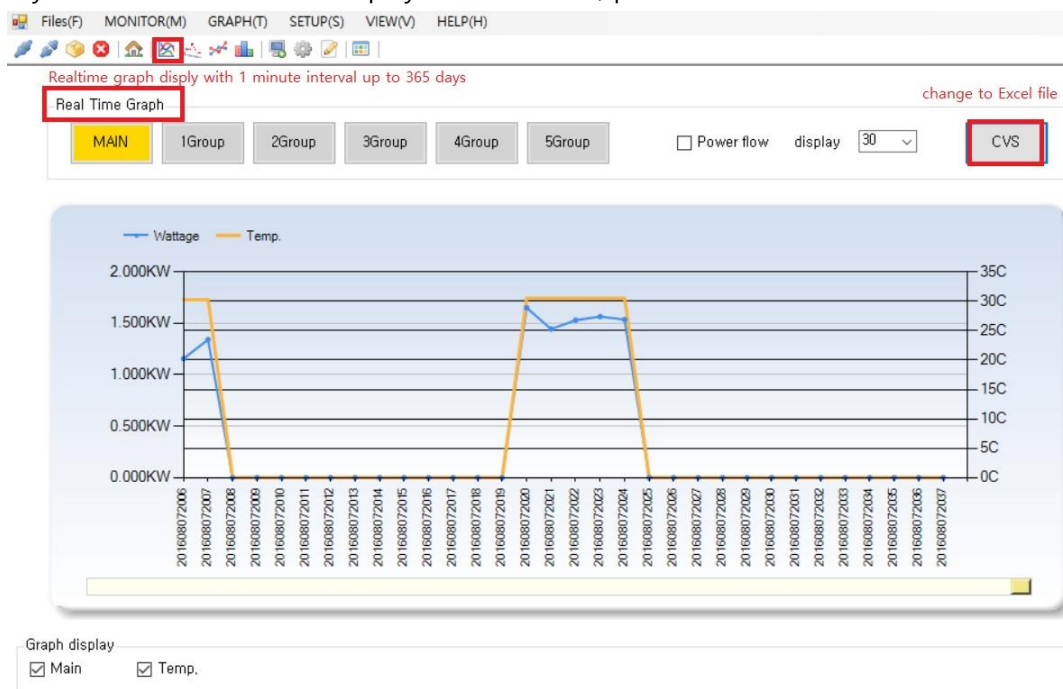
Group No : 1

It has been applied.

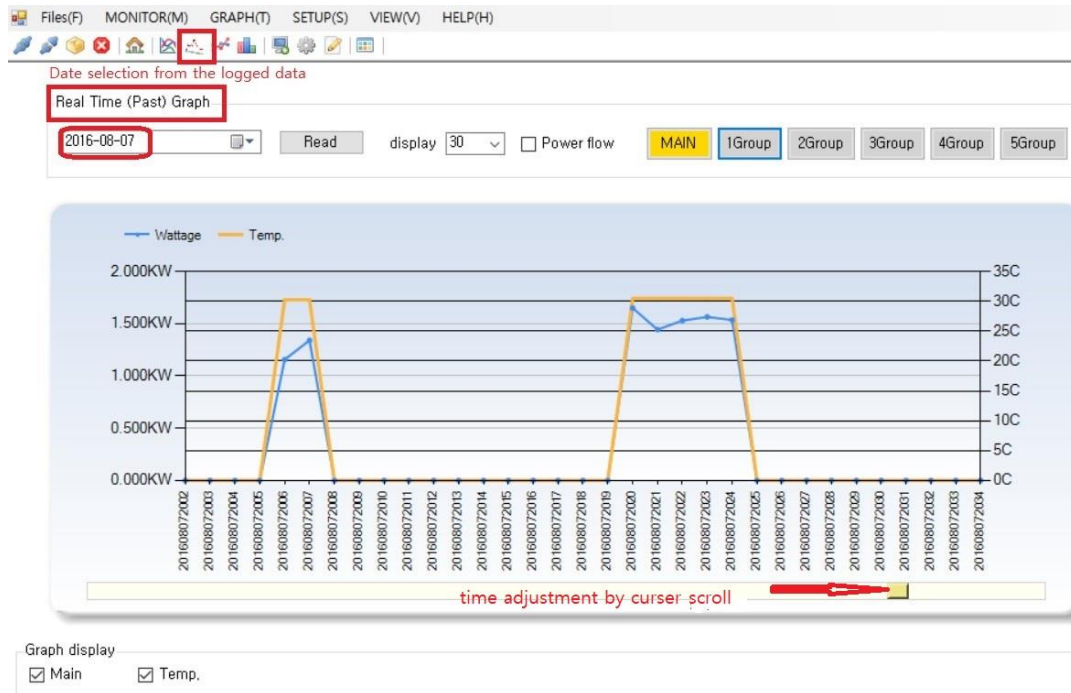
Apply Cancel

CH.	Name	Group
CH01	main	1
CH02	TV	1
CH03	Aircon	1
CH04	Cooker	1
CH05	CH5	1
CH06	CH6	1
CH07	CH7	2
CH08	CH8	2
CH09	CH9	2
CH10	CH10	2
CH11	CH11	2
CH12	CH12	2

12) If you need real time data display with SEM3000, please use as below.



13) If you want to see the daily graph of long realtime data logged file, please use the below icon. Please select the day what you want to see.



14)

15) If you need some more information, please have a look at <http://mywatt.biz/soft>

Korins Inc. <http://mywatt.biz>

Tel: +82-31-777-1588 Fax: +82-31-777-1588

Mobile: +82-10-8905-1244

hyh@korins.kr

Address:

Rm708, Dunchon-daero #474, Jungwon-gu, Gyeonggi Province, Republic of Korea

Post code: 13229