Smart Meter SEM-3000

Software User Manual (PC Version)



E-store www.korins.kr Tel 82-10-8905-1244

Software Installation

1. Unzip the supplied programs, click Setup.exe to run the installation.

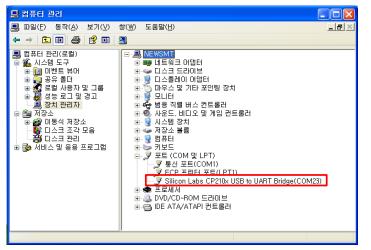
C SEM				
1 88	응 프로그램 시작	X		12
				🙂 파일 영구 삭제
12			0_3₩SEM3000	🗹 🔁 018
		안합니다. 이 작업은 몇 분 정도 결	P	otnetfx40
	파일 이동 파일 복사	windowsinstaller3_1		Energe_Demand_PC_Software.appli Application Manifest 2KB
2	파일을 웹에 게시 파일을 전자 메일로 보내기 파일 삭제	Setup.exe		
715	1 위치 🙁	∃		
	SEM3000_3 내 문서 공유 문서 내 컴퓨터 내 네트워크 환경			
자세	ð			
수정 25일	up,exe 8 프로그램 3한 날짜: 2014년 5월 일 일요일, 오후 11:03	×		
설명: Se	tup 파일 버젼: 10.0.30319.1	1 만든 날짜: 2014-05-27 오후 4:01 크기	91: 436KB	436KB 😏 내 컴퓨터

2. When run the Setup.exe, The following window will appear. Press the Install, Installation will start. software will run automatically after Installation completion.

응용 프로그램 설치 - 보안 경고	×
게시자를 확인할 수 없습니다. 이 응용 프로그램을 설치하시겠습니까?	
미름: SEM3000 원 본(아리의 문자열에 마우스를 갖다 미면 도메인 전체를 볼 수 있음): C:WDocuments and Settings\SMT\HH당 화면\SEM3000_3\SEM3000 기시자: 알 수 없는 게시자	
설치(I) 설치 안 함(D) 응용 프로그램은 경우에 따라 유용할 수도 있고 사용자 컴퓨터를 손상시킬 수도 있습니다. 소스럽 신뢰하지 않는 경우에는 이 소프트웨어를 설치하지 마십시오, <u>자세한 정보</u>	

How to connect Software

 If connect the SEM3000 data cable to the PC, it is recognized as in the Device Manager as "Sillicon Labs CP210x USB to UART Bridge(COM**)".



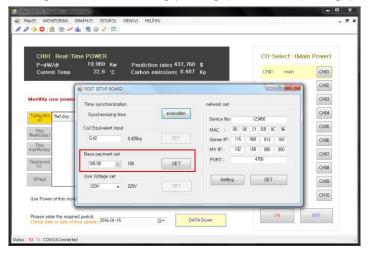
 If click the Settings menu and so con, a window opens as shown below. This process must be set before connecting.

CH01 Real-Time POWEF P=dW/dt 20,035		CH-Select : ()	vlain Power)
Current Temp 22.6	'C Carbon emissions 8.515 Kg	CH01 main	CH01
	Device Connection	сног снг	CH02
Monthly use power	0	CH03 CH3	CH03
Today(tim Ref, day	COM-Port Setup PC	CH04 CH4	CH04
e) This	Port of Device connection	CH05 CH5	CH05
Veek(day)	COM-Port Select baud rate	CH06 CH6	CH06
This month/day	COMI	CH07 CH7	CH07
Year(mont h)	Select COM.Port Baud rate,	CH08 CH8	CH08
10Year		CH09 CH9	CH09
Use Power of this month(Latest Updat	Done Cancel	CHI0 CHI0	CH10

3. When you click OK, "Status RX TX COMOO been connected" is displayed as shown below, and you can check this real-time information.

CH01 Real-1 P=dW/dt	ime POWER 20.046 Kw	Prediction rates 4	43.311 ¢		CH-Se	elect ÷(Ma	in Power)
Current Temp	22.5 'C	Carbon emissions			CH01	main	CH01
					CH02	CH2	CH02
Monthly use powe	r O kWh	Monthly Use rat	es	0\$	CH03	CH3	CH03
Today(tim Ref,day	POWER	Wh) Use Power(\$)	Carbon emissio	ns(g)	CH04	CH4	CH04
This Week(day)					CH05	CH5	CH05
Week(day) This					CH06	CH6	CH06
month(day					CH07	CH7	CH07
Year(mont h)					CH08	CH8	CH08
10Year					CH09	CH9	CH09
Use Power of this mo	nth(Latest Update) : 2014-	01-0101:00			CH10	CH10	CH10

 After setting the standard-rates in the "POST settings", you can view the data through the Real-time monitoring, periodic graph, channel comparison graph.



Download Data

1. Specify the time to download the data. (The first installation date)
 Image: Hes(F)
 MONITOR(M)
 GRAPH(T)
 SETUP(S)
 VIEW(V)

 Image: Image HELP(H) - 8 CH01 Real-Time POWER CH-Select : (Main Power) P=dW/dt Current Temp 19.956 Kw 22.7 'C Prediction rates 436,831 \$ Carbon emissions 8.481 Kg CH01 main CH01 CH02 CH2 CH02 Monthly use power 0 kWh Monthly Use rates 0\$ CH03 CH3 CH03 CH04 CH4 CH04 POWER(Wh) Use Power(\$) Carbon emissions(g) Ref.day 2016-01-15 09:00 CH05 CH05 CH5 This Week(day CH06 CH06 CH6 This month(da CH07 CH7 CH07 Year(mor h) CH08 CH08 CH8 2016년 1월
 2016년 1월

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10Year 토 CH09 CH09 CH9 CH10 CH10 CH10 Use Power of this month(Lates 오늘: 2 Please enter the required period. 2016-01-15 ON OFF DATA Down 97 RX TX COM13Connected

	Real-Time POV					CH-Se	elect ÷(Ma	in Power
P=dW Curre			Prediction rates Carbon emission	\$ is .000 Kg		CH01	main	CH01
						CH02	CH2	CHO2
Monthly (ise power	0 kWh	Monthly Use ra	ates	0 \$	CH03	CH3	СН03
Today(tim	Ref, day	POWER(Wh) Use Power(\$)	Carbon emissions(a)	*	CH04	CH4	CH04
6)	2016-01-15 00:00	0		RITESSITIESS		CH05	CH5	CH05
This Week(day)	2016-01-15 01:00	0						
This	2016-01-15 02:00	0			E.	CH06	CH6	CH06
month(day		0				CH07	CH7	CH07
Year(mont	2016-01-15 04:00	0						- Anneed
h)	2016-01-15 05:00	n				CH08	CH8	CH08
10Year	2016-01-15 07:00	0			-	CH09	CH9	CH09
	Of bringing the da			-		CHI0	CH10	CHI

3. Once the download is complete, real-time data, channel-specific graphs, comparative graphs and data validation is possible,

Real Time Graph	1Gro	up		20	Grou	IP		36	roup		40	irou	P		5Gn	oup				12	Pow	er fli	w	dis	pla	y	30	2	-		CVS
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0.000K	201601150006	201601150557	201601150008	2016011509105	201601151000 +	201601151001	201601151002	201601151003	201601151004	- String to String	201601151007	201601151008 -	201601151000 +	201601151010 -	201601151011 -	201601151012 -	201601151013 -	201601151054 -	201501151015 -	201601151006	201601151060	201601151060	201601151020	201601151021 +	201601151022 +	201601151023 +	201601151024	201601151025	201601151026	201601151027	-0C

You can export data to the Excel file using Excel conversion button.

2. Click the data download button, data download will begin as follows.

Software	Icons Description
<i>1</i>	Connect: SEM3000 software connection
A	Disconnect: SEM3000 software disconnection
(Connection Wizard: SEM3000 Auto Connection Wizard
8	Exit: Exit the software
	Monitoring: Real-time data monitoring and each channel ON/OFF control function
8	Real Time: Check main power & each group power (Data can be extracted into an Excel file.)
	(If does not a real time graph download, change to the real-time graph on the graph for each channel.)
	CH. graph: Can specify the channels you want to display in each group.
<u> </u>	In a selected group Time, Day, Week, Month, Year for each graph display.
	Comparison: Current data and monthly data comparative are available.
	Port Define: Set the communication port
-	SEM. POST: Computer and equipment time synchronization, Co2 emissions, Reference rates. Operating voltage,
.8 ₁ 8,	Network settings (cloud service) is available.
Ø	CH. Alias: Each channel name, can set the group.
	Inform: Shown the software version, Company name.

