

# EnergyLink400 Installation Guide

EnergyLink 400 - Auto Meter	Reading System						- ē 💌
DAE	_						
Energy Link 400	Log In Rev	venue Meter Multi-Functio	on Meter - Water Meter	Reports Alerts Help			
DAE B-DAE	Connection Energy Usage	Energy				Meter Number : 22	Page: 1 🔹 🥌
		MP C 2	CMP C 2				
	3IVID-3-1 - 3	5IVID-3-2 -	3IVID-3-3 -	31010-3-4 -	31010-3-3 -	31010-3-0 -	
	KVVN 13131.21	Wn 39817.13	KVVN 00894.70	KVVN 12338.50	KVVN 3882.50	kvvn 12003.11	
	SMB350 1001 100 SM	MB350 📷 📰 S	SMB350 1001	SMB350 1001	SMB350 1001	SMB350 1001	
	SIVID-S-/	SIVIB-S-8	SIVIB-S-9	SIVIB-S-10	SIVIB-S-11	SIVIB-S-11	
	KVVN 22393.47	CVVn 11666.84	KVVN 3384.59	KVVN 32011.40	KWN 22938.24	KVVN /9096.85	
	SMB350 1001 100 SM	MB350 📷 📰 🛛	SMB350 100	SMB350 100	SMB350 100	SMB350 100 -	
	Pelaria .						
	KVVN 6402.07						
	KVV 0.000						
	Polaris 📷						

2016/6/14 v1.3e DAE Instrument Corp. www.DAEinstrument.com



Notice: Before installing the EnergyLink400 software, make sure that the .Net Framework 4.0 has been installed beforehand, if this framework has not been installed first then the EnergyLink400 cannot be installed. If the framework needs to be installed, please go to the "\EnergyLink400\DotNetFX40\" directory on the CD and execute the "dotNextFx40\_Full\_x86\_x64.exe" executable file, or download the installer from the Microsoft website.

The installation steps are as follows:

- 1. Install the Sentinel Runtime
- 2. Install the MySQL database system
- 3. Copy the database
- 4. Install the EnergyLink400 software proper
- 5. Run the software to check if it works properly

Warning: If the installation steps are not followed in sequence, the EnergyLink400 software may not run.



Double click on the "HASPUserSetup.exe" on the CD to run the Sentinel Runtime installation wizard, then click the "Next>" button to continue the installation process.





After reading and agreeing the license agreement, click on the "I accept the license agreement" selection,

😸 Sentinel Runtime Setup	×
License Agreement You must agree with the license agreement below to proceed.	t.
SAFENET SENTINEL LDK PRODUCT END USER LICENSE AGREEMENT	-
IMPORTANT INFORMATION - PLEASE READ THIS AGREEMENT CAREFULLY BEFORE USING THE CONTENTS OF THE PACKAGE AND/OR BEFORE DOWNLOADING OR INSTALLING THE SOFTWARE PRODUCT. ALL ORDERS FOR AND USE OF THE SENTINEL® LDK PRODUCTS (including without limitation, the Developer's Kit, libraries, utilities, diskettes, CD_ROM, DVD, Sentinel keys, the software component of SafeNet Sentinel LDK and the Sentinel LDK Software Protection and Licensing Guide) (hereinafter "Product") SUPPLIED BY SAFENET, INC., (or any of its affiliates - either of them referred to as "SAFENET") ARE AND SHALL BE, SUBJECT TO THE TERMS AND	
CONDITIONS SET FORTH IN THIS AGREEMENT.     I accept the license agreement     O I do not accept the license agreement InstallShield	Ŧ
Reset < Back Next > Cancel	

### Then click the "Next>" button to continue,

😸 Sentinel Runtime Setup	×
License Agreement You must agree with the license agreement below to proceed.	t.
SAFENET SENTINEL LDK PRODUCT END USER LICENSE AGREEMENT	•
IMPORTANT INFORMATION - PLEASE READ THIS AGREEMENT CAREFULLY BEFORE USING THE CONTENTS OF THE PACKAGE AND/OR BEFORE DOWNLOADING OR INSTALLING THE SOFTWARE PRODUCT. ALL ORDERS FOR AND USE OF THE SENTINEL® LDK PRODUCTS (including without limitation, the Developer's Kit, libraries, utilities, diskettes, CD_ROM, DVD, Sentinel keys, the software component of SafeNet Sentinel LDK and the Sentinel LDK Software Protection and Licensing Guide) (hereinafter "Product") SUPPLIED BY SAFENET, INC., (or any of its affiliates - either of them referred to as "SAFENET") ARE AND SHALL BE, SUBJECT TO THE TERMS AND CONDITIONS SET FORTH IN THIS AGREEMENT.	4
<ul> <li>I do not accept the license agreement</li> <li>I do not accept the license agreement</li> </ul>	
InstallShield Reset Cancel	



Click the "Next>" button to install,

😸 Sentinel Runtime Setup			
Ready to Install the Application Click Next to begin installation.	(	Saf	eNet
Click the Back button to reenter the installat the wizard.	ion information or click C	Cancel to e	xit
InstallShield	< Back Ne	ext >	Cancel

#### Software will begin installion,

😸 Sentinel R	untime Setup			
Updating Sy The featu	<b>ystem</b> res you selected are currently beir	g installed.		let.
			•	
InstallShield —				
			C	ancel



Once the software finish installing click on the "Finish" button.





### 2. Installing the MySQL database

Change to the folder "DB tools" then double click on the "appserv-win32-2.5.10.exe" file to start the MySQL server installation program.

					×
😋 🔵 🗢 📕 🕨 Compute	r 🕨 Removable Disk (D:) 🕨 DB tools	▼ <sup>4</sup> <sup>j</sup>	Search DB tools		Q
Organize 👻 Share with	n ▼ New folder			•	0
🔆 Favorites	Name	Date modified	Туре	Size	
🧮 Desktop	appserv-win32-2.5.10	10/18/2013 9:57 AM	Application	16,800 KB	
🐌 Downloads	📅 mysql-connector-net-6.6.4	1/25/2013 9:12 AM	Windows Installer	13,037 KB	
🖳 Recent Places					
🔁 Libraries					
Documents					
J Music					
Pictures					
Videos					
🤣 Homegroup					
🖳 Computer					
🏭 Local Disk (C:)					
👝 Removable Disk (D:)					
DB tools					
) EnergyLink					
퉬 monitor_system					
🗣 Network					
2 items					

The "AppServ 2.5.10" setup wizard screen will appear. Then click the "Next>" button to continue,





After reading and agreeing to the license agreement, click on the "I Agree" button to continue,

💰 AppServ 2.5.10 Setup			
	License Agreem Please review the	ent license terms before	installing AppServ 2.5.10.
Press Page Down to see t	he rest of the agreen	nent.	
GNU LESSER ( Version 2.	GENERAL PUBLIC LICE 1, February 1999	ENSE	<u>^</u>
Copyright (C) 1991, 199 59 Temple Place, Suite Everyone is permitted to of this license document [This is the first released as the successor of the the version number 2.1.	9 Free Software Four 330, Boston, MA 02 copy and distribute v , but changing it is no version of the Lesser GNU Library Public Lice ]	ndation, Inc. 2111-1307 USA verbatim copies t allowed. GPL. It also counts ense, version 2, hence	e
If you accept the terms o agreement to install AppS	f the agreement, dick erv 2.5.10.	I Agree to continue.	You must accept the
Nullsort Install System V2,18		< Back	Agree Cancel

Select the installation directory, "C:\Appserv" recommended, then click on the "Next>" button to continue.

😹 AppServ 2.5.10 Setup		
	Choose Install Location Choose the folder in which to install	AppServ 2.5.10.
Setup will install AppServ Browse and select anothe	2.5.10 in the following folder. To install i r folder. Click Next to continue.	n a different folder, dick
Destination Folder		Browse
Space available: 208.4GB		
Nullsoft Install System v2.18	< Back	Next > Cancel



Uncheck the "Apache HTTP Server" check box and check everything else, then click the "Next>" button to continue to the next step.

😹 AppServ 2.5.10 Setup			- • -
	Select Components Select the components you do not want to inst	you want to install, all.	dear the components
AppServ Package Com	ponents		
Apache HTTP Se	rver		
PHP Hypertext F	reprocessor		
✓ PhpMyAdmin			
Nullsoft Install System v2,18	<	Back Next	> Cancel

Enter the password that will be used for the database and the character set that will be used.

AppServ 2.5.10 Setup	
MySQL Server Configuration Configure the MySQL Server instance.	
Please enter Root password for MySQL Server.	
Enter root password	
Re-enter root password	
MySQL Server Setting	
UTF-8 Unicode	
Old Password Support (PHP MySQL API function.)	
Enable InnoDB	
Nullsoft Install System v2.18	
< Back Install	Cancel



For the password, enter 13093059, this is the password used by the software to access the MySQL database, please don't change this. Click on the "Install" button to start the installation process.

AppServ 2.5.10 Setup	- • •
MySQL Server Configuration Configure the MySQL Server instance.	
Please enter Root password for MySQL Server.	
Re-enter root password	
MySQL Server Setting Character Sets and Collations UTF-8 Unicode	
<ul> <li>Old Password Support (PHP MySQL API function.)</li> <li>Enable InnoDB</li> </ul>	
Nullsoft Install System v2.18	stall Cancel

This screen will appear as the software is being installed.

😹 AppServ 2.5.10 Setup		- • •
	Installing Please wait while AppServ 2.5.10 is being insta	lled.
Extract: mysqld-nt,exe		
Show details		
Nullsoft Install System v2,18 -	< Back Nevt >	Cancel
	Court Incres	



Once installation is completed, the system will automatically launch both Apache and MySQL, click on the "Finish" button to complete the installation.

😹 AppServ 2.5.10 Setup	
	Completing the AppServ 2.5.10 Setup Wizard AppServ 2.5.10 has been installed on your computer. Click Finish to close this wizard. If Start Apache Start MySQL
	< Back Finish Cancel



Install the MySQL connector software "mysql-connector-net-6.6.4.exe"

					x
Compute	er  ► Removable Disk (D:)  ► DB tools	<b>▼</b> 4 <sub>7</sub>	Search DB tools		Q
Organize 👻 👘 Install	✓ New folder		8	≡ <b>•</b> 🔳	0
☆ Favorites	Name	Date modified	Туре	Size	
📃 Desktop		10/18/2013 9:57 AM	Application	16,800 KB	
🚺 Downloads	mysql-connector-net-6.6.4	1/25/2013 9:12 AM	Windows Installer	13,037 KB	
🖳 Recent Places					
<ul> <li>➢ Libraries</li> <li>➢ Documents</li> <li>♂ Music</li> <li>➢ Pictures</li> <li>☑ Videos</li> </ul>					
🤞 Homegroup					
🖳 Computer					
🏜 Local Disk (C:)					
Removable Disk (D:)					
DB tools					
monitor system					
🙀 Network					
mysql-connect Windows Install	tor-net-6.6.4 Date modified: 1/25/2013 9:12 A er Package Size: 12.7 MB	M Date created: 6/16	5/2016 6:46 PM		

Click on the "Next" button to continue to the next step.

👸 MySQL Connector Net 6.6.4	Setup 🗖 🗖 🗖 💌
	Welcome to the MySQL Connector Net 6.6.4 Setup Wizard
	The Setup Wizard will install MySQL Connector Net 6.6.4 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
E.	
MySQL	Back Next Cancel



For the setup type, select "Typical".

HySQL Connector Net 6.6.4 Setup	
Choose the setup type that best suits your needs	$\bigcirc$
Typical Installs the most common program features. Recommended for r	most users.
Custom Allows users to choose which program features will be installed a they will be installed. Recommended for advanced users.	and where
Complete All program features will be installed. Requires the most disk spa	ce.
Back Next	Cancel

Click on the "Install" button to start installation.

😸 MySQL Connector Net 6.6.4 Setup	
Ready to install MySQL Connector Net 6.6.4	$\bigcirc$
Click Install to begin the installation. Click Back to review or change any of installation settings. Click Cancel to exit the wizard.	fyour
Back	Cancel



This window will show the installation progress.

WySQL Connector Net 6.6.4 Setup	
Installing MySQL Connector Net 6.6.4	$\bigcirc$
Please wait while the Setup Wizard installs MySQL Connector Net 6.6.4	4.
Status: Copying new files	
Back Next	Cancel

Once the software finished installation, click on the "Finish" button to complete the installation.





Copy the "monitor\_system" directory from the CD,

					×
Compute	r 🕨 Removable Disk (D:) 🕨	• 4 <sub>7</sub>	Search Removable	e Disk (D:)	٩
Organize 🔻 🔚 Open	Share with 👻 New folder			= -	?
☆ Favorites	Name	Date modified	Туре	Size	
🧮 Desktop	🌗 DB tools	5/25/2016 9:06 PM	File folder		
🚺 Downloads	EnergyLink	5/25/2016 9:06 PM	File folder		
🖳 Recent Places	퉬 monitor_system	5/25/2016 9:06 PM	File folder		
	EnergyLink400 Installation Guide-1.3e.pdf	5/18/2015 7:46 PM	PDF File	1,773 KB	
🥃 Libraries	EnergyLink400 Users Manual-1.0e.pdf	7/28/2015 10:33 PM	PDF File	3,785 KB	
Documents	🔄 HASPUserSetup	7/28/2014 4:50 PM	Application	15,334 KB	
J Music					
Pictures =					
😸 Videos					
🍓 Homegroup					
🖳 Computer					
🏭 Local Disk (C:)					
👝 Removable Disk (					
DB tools					
🐌 EnergyLink 👘					
monitor_syster					
-					
File folder	n Date modified: 5/25/2016 9:06 PM				

to the "C:\Appserv\MySQL\data" directory.

~						x
😋 🔾 🗢 📙 « Local D	isk (C:) ▶ AppServ ▶ MySQL ▶ data ▶	<b>-</b> ↓ ↓	Search data			٩
Organize 👻 Include	in library ▼ Share with ▼ New folder			•		?
☆ Favorites	Name	Date modified	Туре	Size		
🧮 Desktop	\mu mysql	6/17/2016 3:38 AM	File folder			
\rm Downloads	🌗 phpmyadmin	6/17/2016 3:38 AM	File folder			
📃 Recent Places	🕛 test	6/17/2016 3:38 AM	File folder			
	mysql.err	6/17/2016 3:38 AM	ERR File		1 KB	
🥽 Libraries	mysql-slow	6/17/2016 3:39 AM	Text Document		1 KB	
Documents	test-PC.pid	6/17/2016 3:39 AM	PID File		1 KB	
J Music						
📔 Pictures 😑						
😸 Videos						
🍓 Homegroup						
🖳 Computer						
🚢 Local Disk (C:)						
👝 Removable Disk (						
DB tools						
🎉 EnergyLink						
퉬 monitor_syster						
-	•					
6 items						

Page 15 of 22



# After copying, verify that the "monitor\_system" directory is under the "C:\AppServ\MySQL\data" directory.

			- • •
🔾 🗢 📕 « Local Disk	:(C:) ▶ AppServ ▶ MySQL ▶ data ▶	👻 🍫 Search data	٩
Organize 👻 😭 Open	Include in library 🔻 Share with 👻	New folder	:=
🔶 Favorites	Name	Date modified Type	Size
🧮 Desktop	🎳 monitor_system	6/17/2016 3:45 AM File folder	
📕 Downloads	🏨 mysql	6/17/2016 3:38 AM File folder	
📃 Recent Places	퉬 phpmyadmin	6/17/2016 3:38 AM File folder	
	퉬 test	6/17/2016 3:38 AM File folder	
🥃 Libraries	mysql.err	6/17/2016 3:38 AM ERR File	1 KB
Documents	📄 mysql-slow	6/17/2016 3:39 AM Text Docume	nt 1 KB
J Music	test-PC.pid	6/17/2016 3:39 AM PID File	1 KB
E Pictures			
Videos			
🤣 Homegroup			
🖳 Computer			
🟭 Local Disk (C:)			
Removable Disk			
DB tools			
EnergyLink			
monitor_syster			
-			
monitor_systen File folder	n Date modified: 6/17/2016 3:45 AM		

### 4. Installing the EnergyLink400 Software

Open the "EnergyLink\EnergyLink400" folder on the CD, then click on the "setup" executable file.

🚱 🗣 🎍 « Removable Disk (D:) 🕨 EnergyLink 🕨 Energylink4	00 →
Organize  Share with  New folder	₩ ▼ 🗍 🔞
☆ Favorites	Date modified Type Size
📃 Desktop 🔋 🔒 DotNetFX40	5/25/2016 9:06 PM File folder
🚺 Downloads 🛛 🔒 ReportViewer	5/25/2016 9:06 PM File folder
🔛 Recent Places 🛛 🔒 VSTOR40	5/25/2016 9:06 PM File folder
🍑 WindowsInstaller3_1	5/25/2016 9:06 PM File folder
🛜 Libraries 🕴 🙀 Energydink400_install	5/20/2014 11:48 AM Windows Installer 5,135 KB
Documents 🔂 setup	5/20/2014 11:48 AM Application 802 KB
👌 Music	
E Pictures	
Videos	
n Homegroup	
🖳 Computer	
🚢 Local Disk (C:)	
👝 Removable Disk I	
🌗 DB tools	
DergyLink EnergyLink	
immonitor_system	
6 items	

The system will require the installation of the "Visual 2010 Tools Runtime", read the terms and then click on the "Accept" button to signify your agreement and continue installation.

🐞 EnergyLink 400 Setup	×
For the following components:	
Microsoft .NET Framework 4 (x86 and x64)	
Please read the following license agreement. Press the page down key to see the of the agreement.	rest
MICROSOFT SOFTWARE SUPPLEMENTAL LICENSE TERMS	
MICROSOFT .NET FRAMEWORK 4 FOR MICROSOFT WINDOWS OPERATING SYSTEM	Г +
View EULA for printing	
Do you accept the terms of the pending License Agreement?	
If you choose Don't Accept, install will close. To install you must accept this agreement.	
Accept Don't Accept	



The system will require the installation of the "Visual Studio 2010 Tools for Office Runtime(x86 and x64)", read the terms and then click on the "Accept" button to signify your agreement and continue installation.



The system will begin the installation process and show the following progress window.





Launch the EnergyLink400 software, then click on the "Next" button to continue installation

Launch the EnergyLink400 sc	ntwale, then	CHCK OH the	INCAL U	
🛃 EnergyLink 400				
Welcome to the EnergyL	ink 400 Set	tup Wizard		
The installer will guide you through the st	eps required to insta	ill EnergyLink 400 o	n your compu	ıter.
WARNING: This computer program is pro Unauthorized duplication or distribution of or criminal penalties, and will be prosecute	itected by copyright this program, or an ed to the maximum o	law and internation y portion of it, may n extent possible unde	al treaties. esult in sever er the law.	e civil
	Cancel	< Back	Next	>
License Agreement				
Please take a moment to read the license Agree'', then "Next". Otherwise click "Ca	e agreement now. If ncel''.	you accept the terr	ns below, clic	ж ''I
EnergyLink End-User License Notice to user: Please read th Software. This End-User License Agreeme between you (either an individu ("DAE"). By copying, installing ("Software"), you accept all the t not agree to the terms of this agre	e Agreement is agreement of ent ("License Age tal or a corporation or using all of terms and condition terms and conditionement, please do I Agree	carefully before greement") is a le on) and DAE In r any portion of ons of this agrees not use this Soft	e using the egal agreem strument Cd this Softw ment. If you ware.	ent orp. /are a do

Cancel

< Back

Next>





🛃 EnergyLink 400				
License Agreement				
Please take a moment to read the licen Agree", then "Next". Otherwise click "C	se agreement now Cancel''.	If you accept the ter	rms below, click ''I	
EnergyLink End-User License Agreement Notice to user: Please read this agreement carefully before using the Software.				
This End-User License Agreement ("License Agreement") is a legal agreement between you (either an individual or a corporation) and DAE Instrument Corp. ("DAE"). By copying, installing, or using all or any portion of this Software ("Software"), you accept all the terms and conditions of this agreement. If you do not agree to the terms of this agreement, please do not use this Software.				
🔘 I Do Not Agree	I Agree			
	Cancel	< Back	Next >	

Select the directory that the software will be installed in, default recommended, then click on the "Next" button to continue installation.

岃 EnergyLink 400	
Select Installation Folder	
The installer will install EnergyLink 400 to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it bel	ow or click "Browse".
Eolder: C:\Program Files (x86)\DAE\EnergyLink 400\ [ Install EnergyLink 400 for yourself, or for anyone who uses this computer:	Browse Disk Cost
🔘 Everyone	
Iust me	
Cancel < Back	Next >

The system is now ready to begin the installation, click on the "Next" button to proceed.



提 EnergyLink 400	- • •
Confirm Installation	<b>.</b>
The installer is ready to install EnergyLink 400 on your computer.	
Click "Next" to start the installation.	
Cancel < Back	Next >

Once the installation is completed, the following window will appear, click the "Close" button to complete the installation.

😸 EnergyLink 400	
Installation Complete	
EnergyLink 400 has been successfully installed. Click "Close" to exit.	
Please use Windows Update to check for any critical updates to the .NET F	ramework.
Cancel < Back	Close

## 5. Launching and Testing the Software

Click on the "EnergyLink 400" icon on the desktop to launch the "EnergyLink400" software.

EnergyLink400 Installation Guide

X



This splash screen will appear:



### The EnergyLink 400 main window will then appear:

DAE Energy Link 400	Log In Revenue Meter Multi	Function Meter Water Meter Reports Alerts Help	
DAE B-DAB	Connection Energy Usage Energy	Meter Number : 22 Page: 1 V	
	SMB-S-1         SMB-S-2           kWh         1313121           smB350         KWh           SMB350         KWh	SMB-S-3     SMB-S-4     SMB-S-4     SMB-S-4     SMB-S-6     S	S-5 • SMB-S-6 • W/h 1056377
	SMB-S-7         SMB-S-8           kWh         2293.47           sMB350 #888         SMB350 #888	SMB-S-9     SMB-S-10     S	S-11  SMB-S-11  WWN 7006.65 SMB350 #E8  SMB350 #E8
	Polaris           kWh         5402.07           kWW         0.000           Polaris         #80		

For a comprehensive guide to its operation, please refer to the "EnergyLink400 Operating Manual".