



HEXING

User Manual

HHU Software

For Prepaid Keypad Meters

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[2013.3]

Introduction

Range of validity

The present manual applies to the software specified on the title page.

Purpose

The manual contains all the information required for installation and application of the software.

Target group

The contents of this manual are intended for qualified personnel of energy supply companies responsible for operation and setting of the meter.

Hexing Electrical reserves the right of final interpretation.

TABLE OF CONTENTS

Introduction	2
1. Overview	4
2. Software Installation.....	6
2.1 Software List.....	6
2.2 How to Install	6
2.2.1 Install the HHU Drive.....	6
2.2.2 Install Windows Sync Software	10
3. HHU Software Introduction.....	18
3.1 HHU Software Main Functions	18
3.1.1 Reading.....	18
3.1.2 Write Function	19
3.1.3 Executing.....	23
3.2 Software Operation.....	24
3.2.1 Reading.....	26
3.2.2 Writing	29
3.2.3 Executing.....	31

1. Overview



-  Near-infrared communication port: for near-infrared communication
-  Far-infrared communication port: for far-infrared communication
-  USB port: for connecting with PC
-  Power Button: for shutting down or starting the Hand Held Unit



Specifications of Useful Buttons

- Power Button: Long click to shut down the HHU machine.
- Shift Button: Click to switch keyboard input mode, including digit number, little case chars, and big case chars.
- ESC Button: Click to escape current user interface of HHU software.
- ENT Button: Click to enter.
- Up/Down/Left/Right Buttons: Click to switch the focus point on the screen.
- TAB Button: Click to tab the focus point.
-  (Green) Button: Click to execute some functions (the left-bottom-bar-button's) in the HHU software.
-  (Red) Button: Click to execute some functions (the right-bottom-bar-button's) in the HHU software.
- Big Yellow/Orange Button: Click to execute some functions (the middle-bottom-bar-button's) in the HHU software.

2. Software Installation

2.1 Software List

- PC:
 - ActiveSync Software (connect PC to HHU)
For Win7 system : please install drvupdate-x86.exe or drvupdate-amd64.exe.
For WinXP system : please install ActiveSync 4.5.
 - HHU Matrix Client System
PC Software for HHU.
- HHU:
 - Hxsoft
HHU software

2.2 How to Install

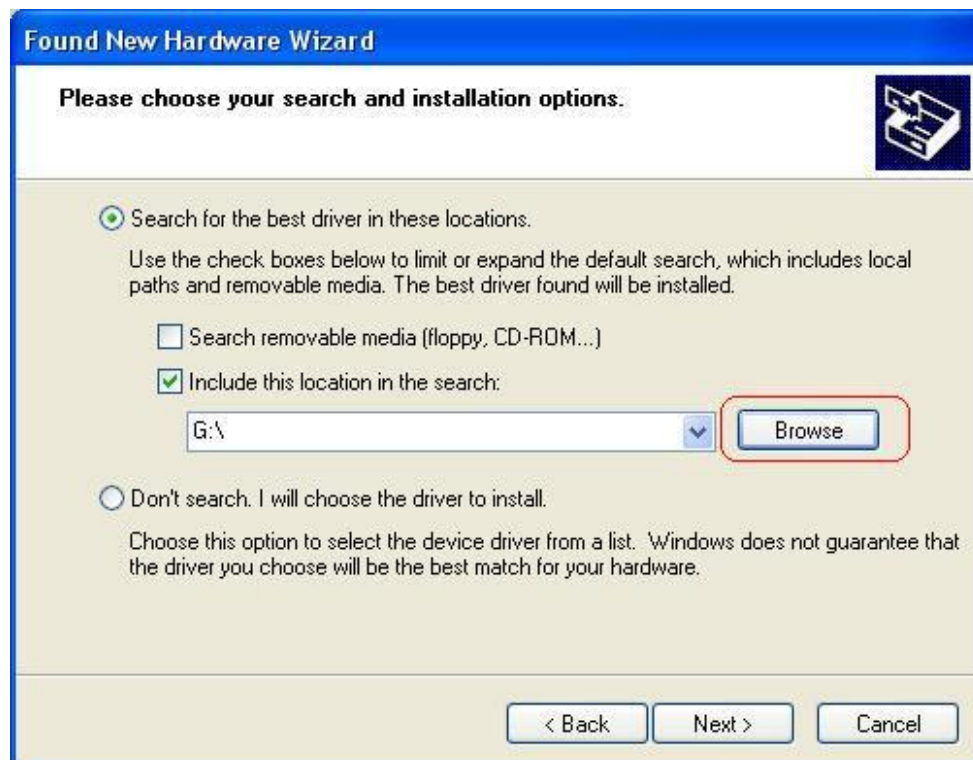
2.2.1 Install the HHU Drive

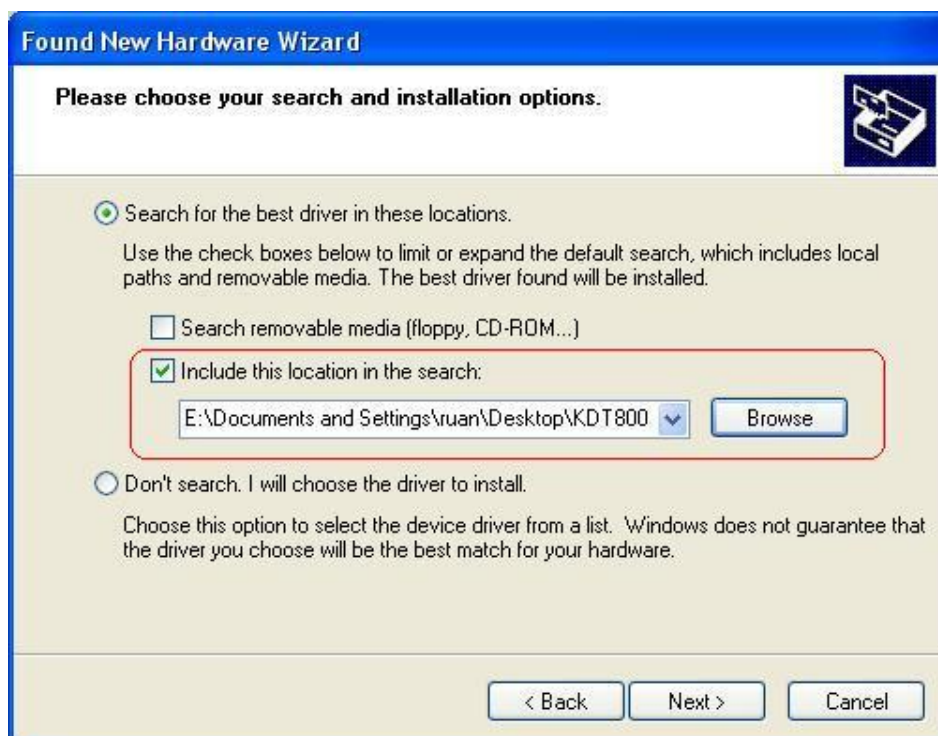
(if USB driver in PC is not the latest)





Click 'Browse' to choose the directory of drive file.





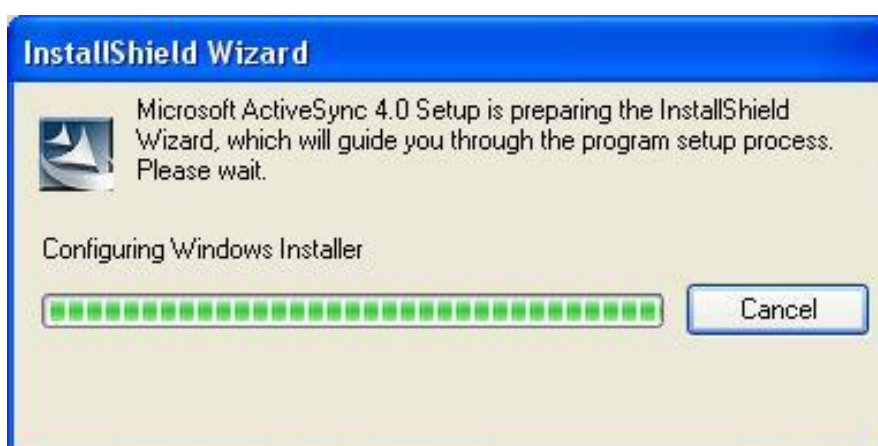
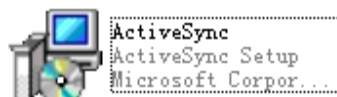


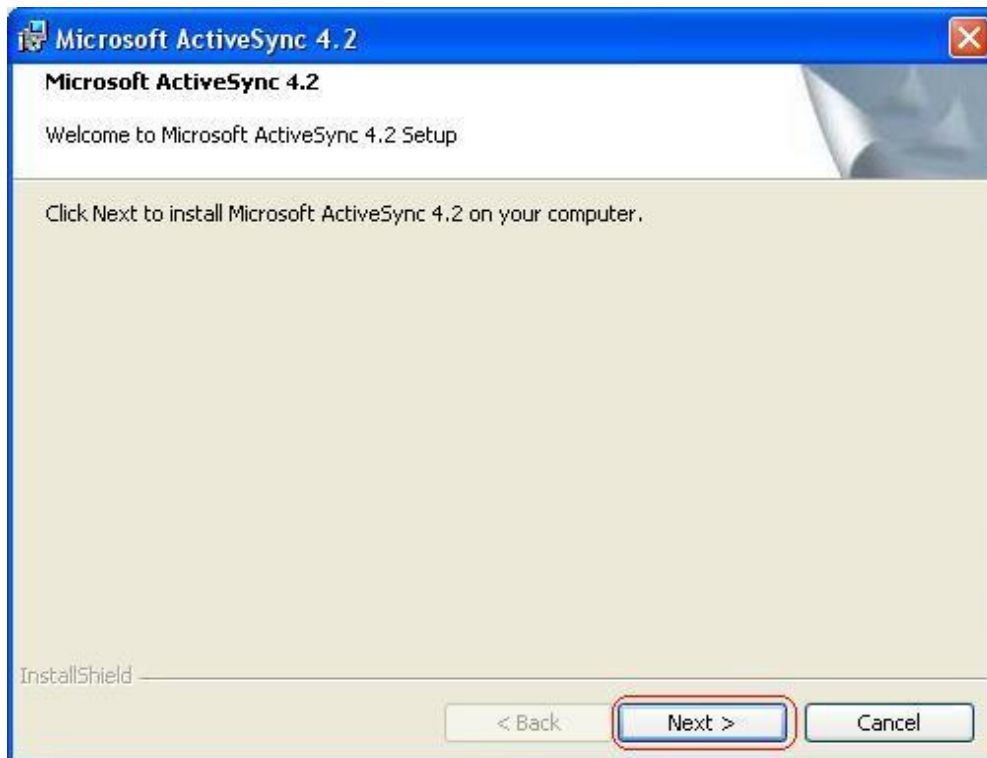


2.2.2 Install Windows Sync Software

It is for the PC to connect with HHU software.

- Click 'ActiveSync' to install the file





Microsoft ActiveSync 4.2

Customer Information

Please enter your information.

User Name:

Organization:

InstallShield

< Back **Next >** Cancel

Microsoft ActiveSync 4.2

Destination Folder

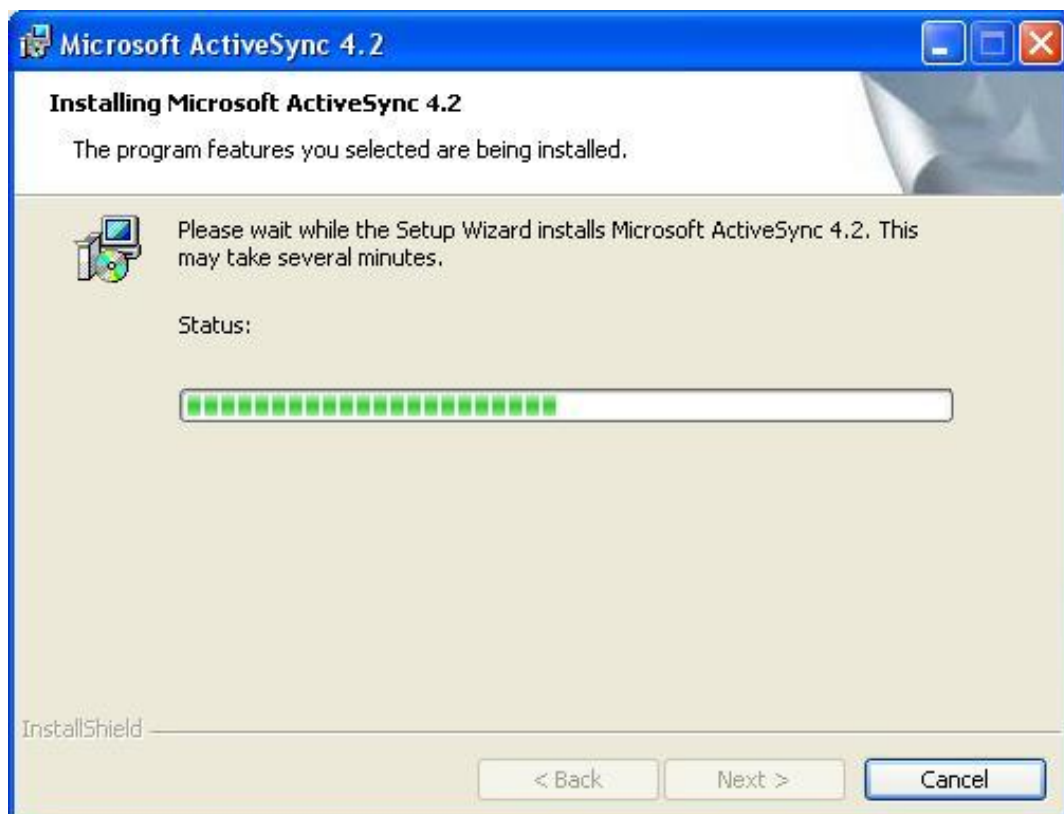
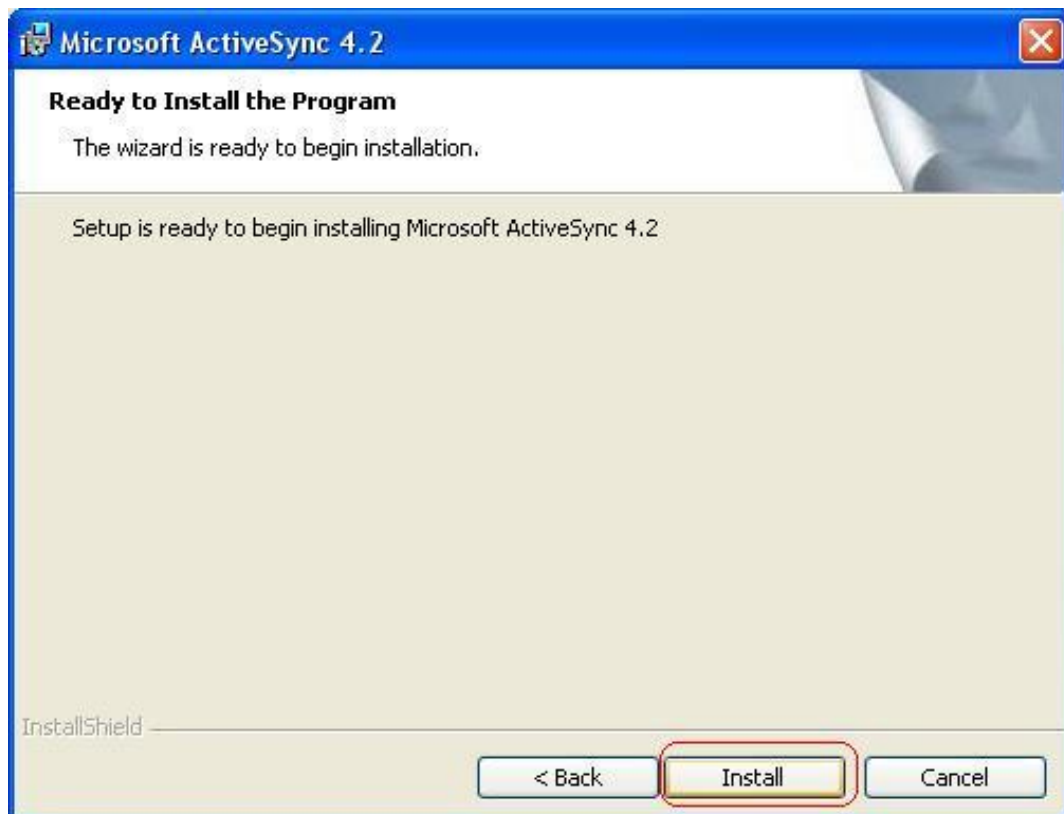
Click Next to install to this folder, or click Change to install to a different folder.

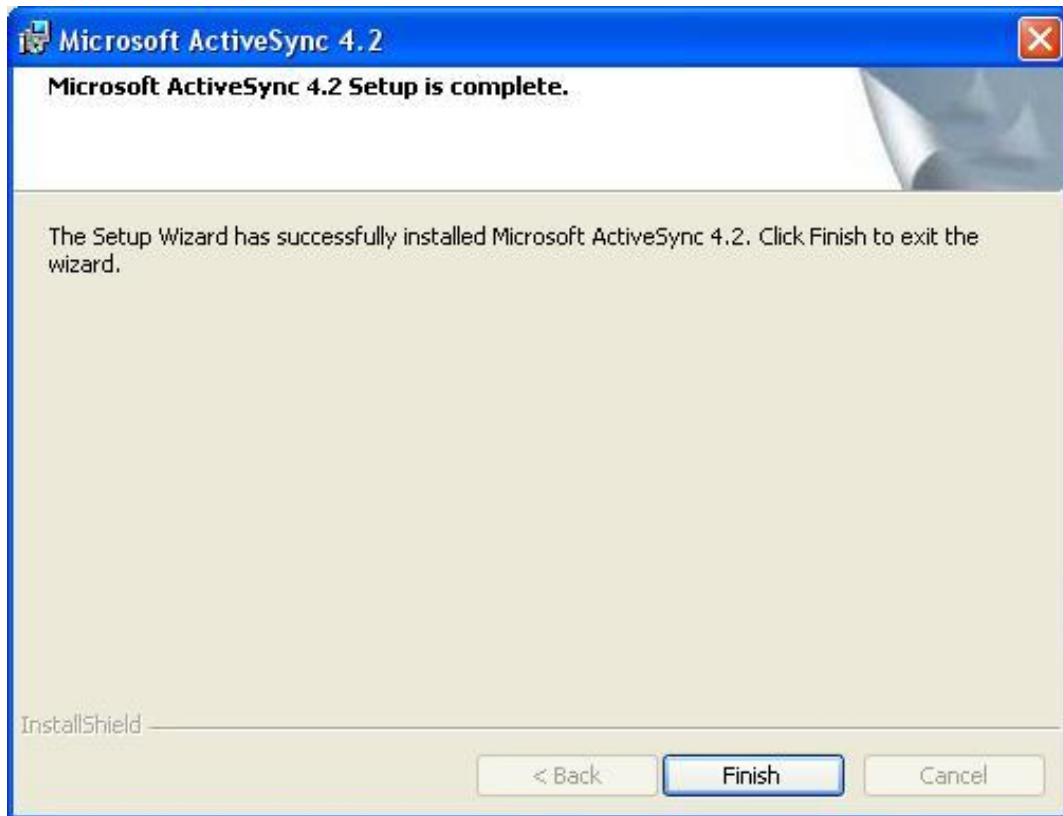

 Install Microsoft ActiveSync 4.2 to:
 E:\Program Files\Microsoft ActiveSync\
 Change...

Volume	Disk Size	Available	Required	Differences
C:	9991MB	1821MB	0KB	1821MB
D:	19GB	5561MB	0KB	5561MB
E:	19GB	10176MB	28MB	10147MB
F:	25GB	7189MB	0KB	7189MB

InstallShield

< Back **Next >** Cancel



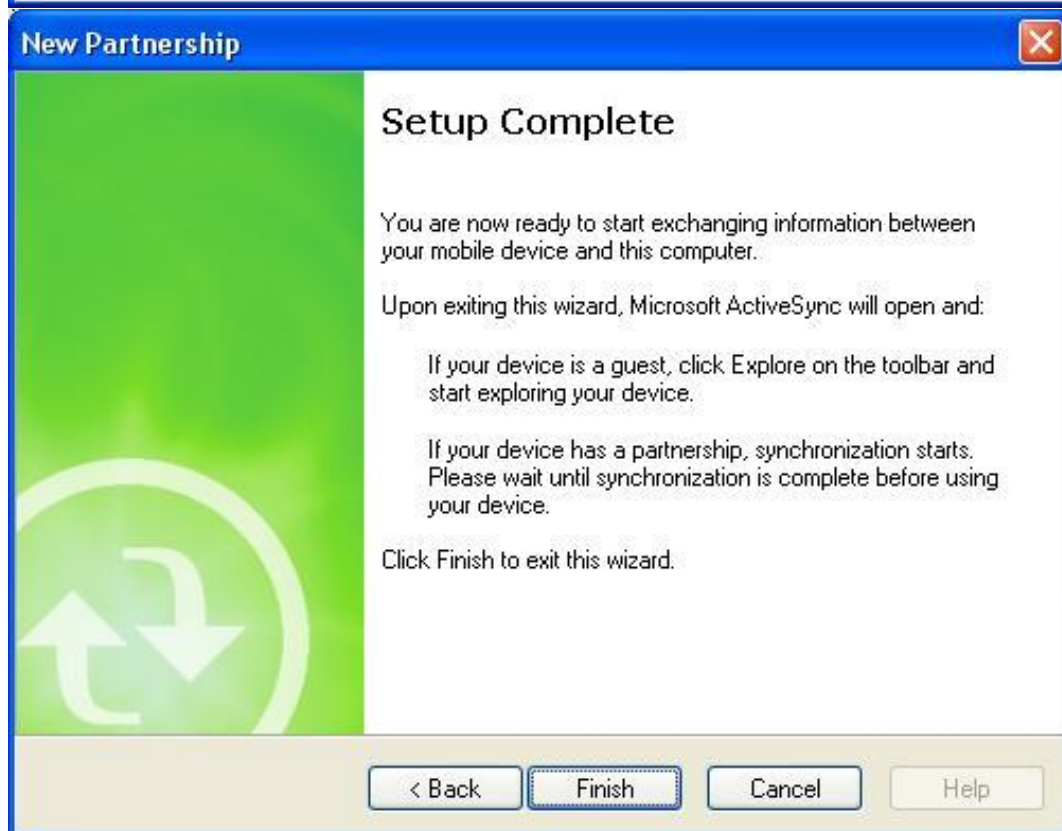
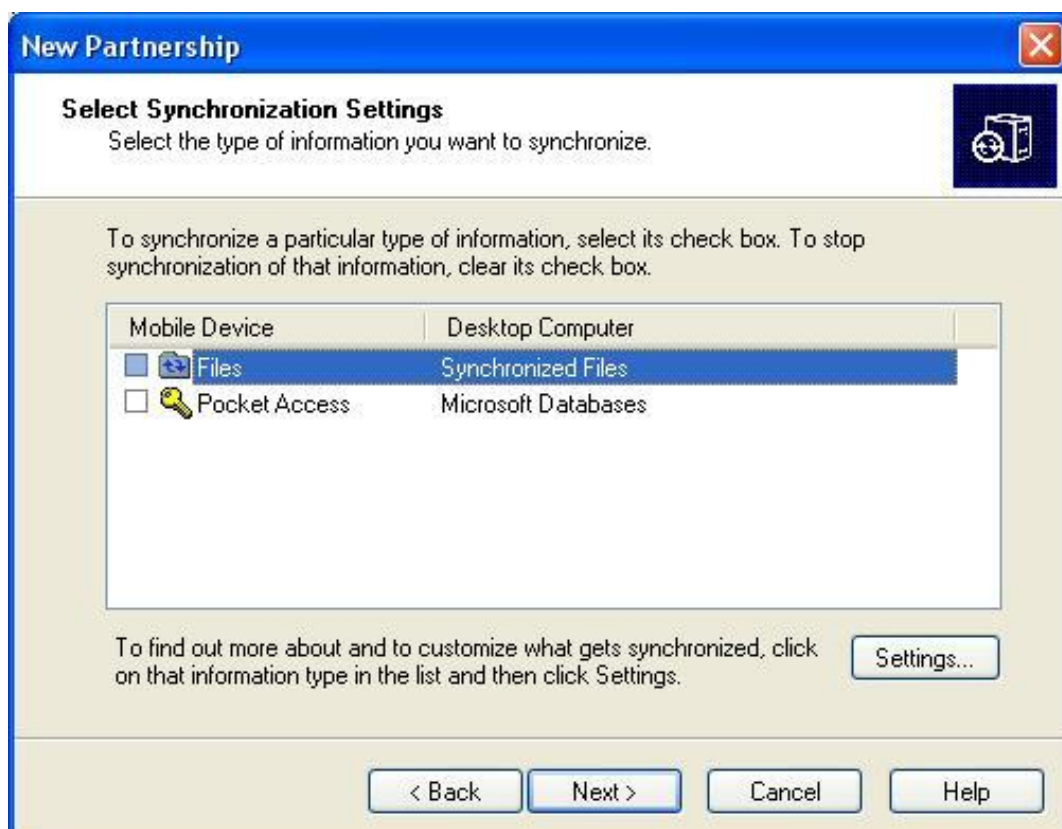


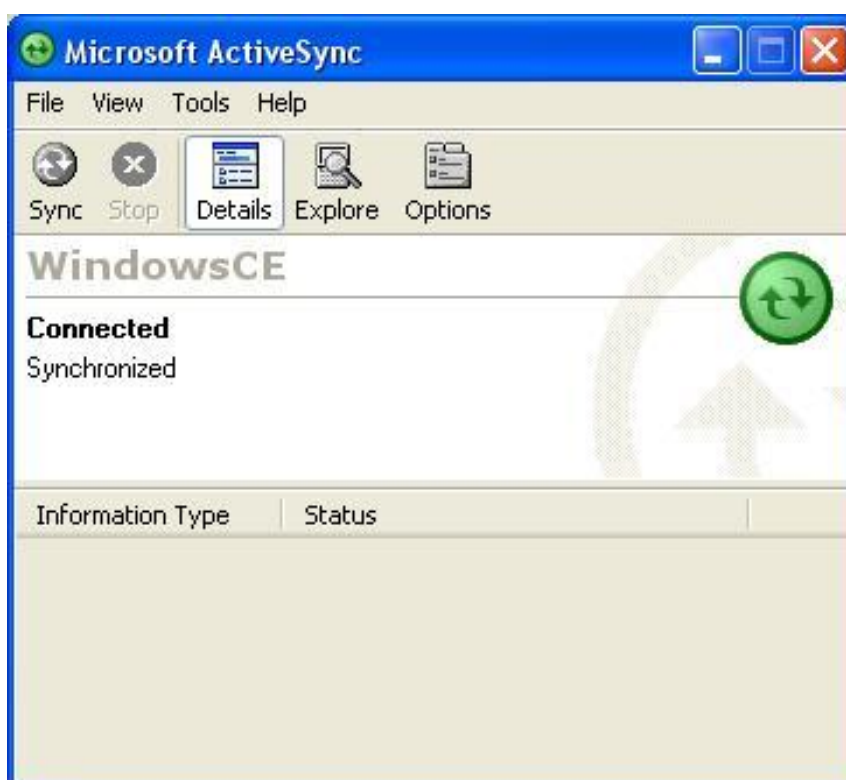
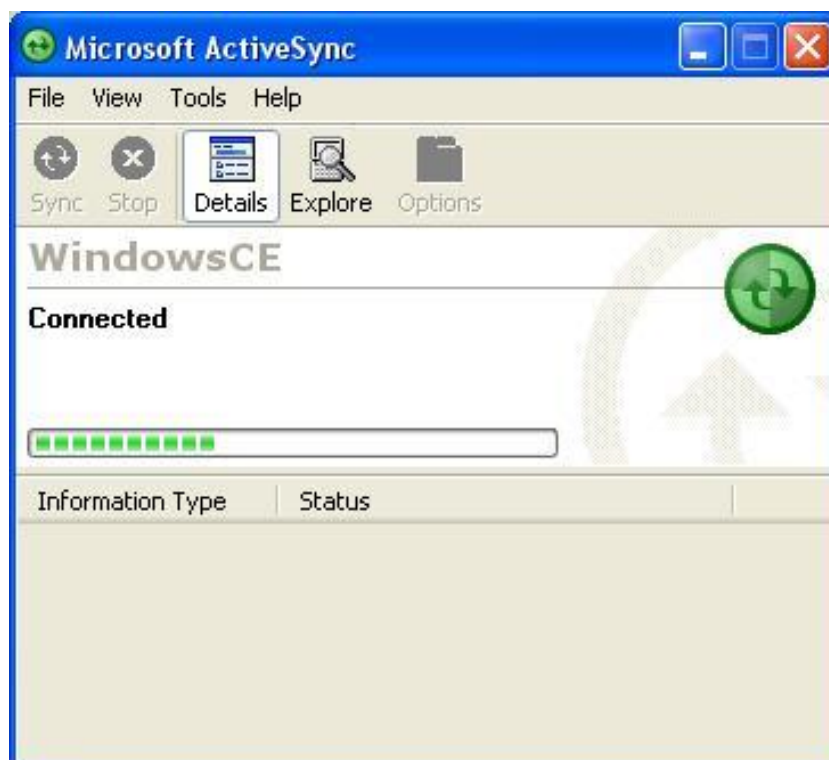
- After the installation, please click 'Yes' to restart the PC.



- After restart PC, run the software 'Microsoft ActiveSync', and keep the PC connecting with HHU via USB.





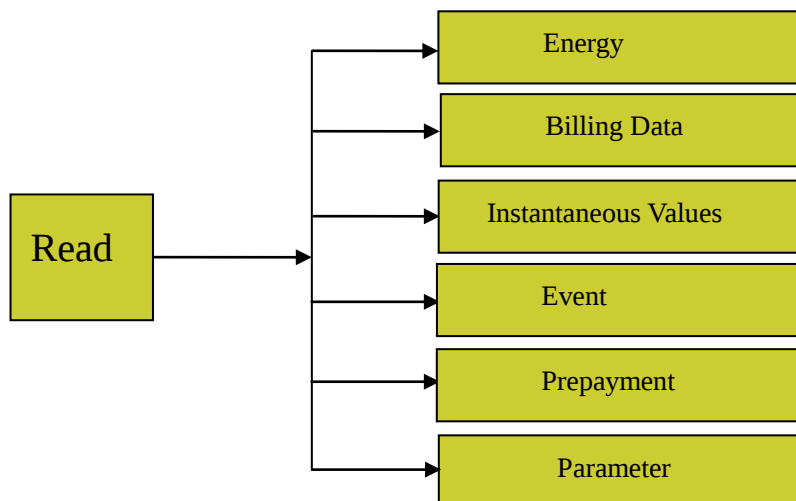


3. HHU Software Introduction

3.1 HHU Software Main Functions

The HHU software has mainly 3 function modules, namely, reading, writing, and executing.

3.1.1 Reading



Energy: Current values of energy.

Billing Data: Monthly and daily frozen energy and credit data.

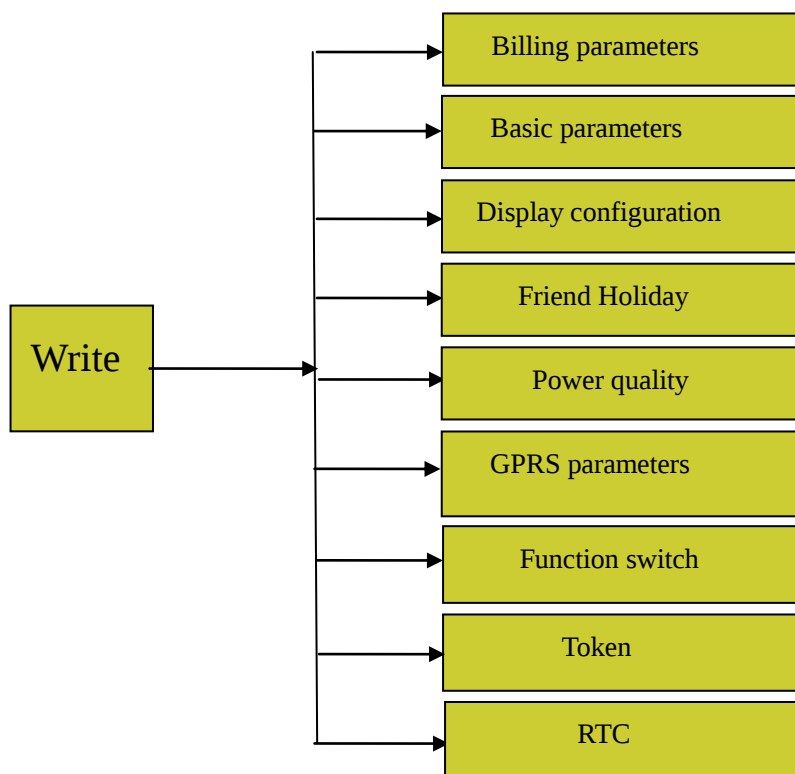
Instantaneous Values: Instantaneous values of meters, such as voltage, current, frequency, active power, and so on.

Event: There are three types of events in total. Select each type to read the relevant events.

Prepayment: prepay information.

Parameter: meter basic parameters that can only be read out.

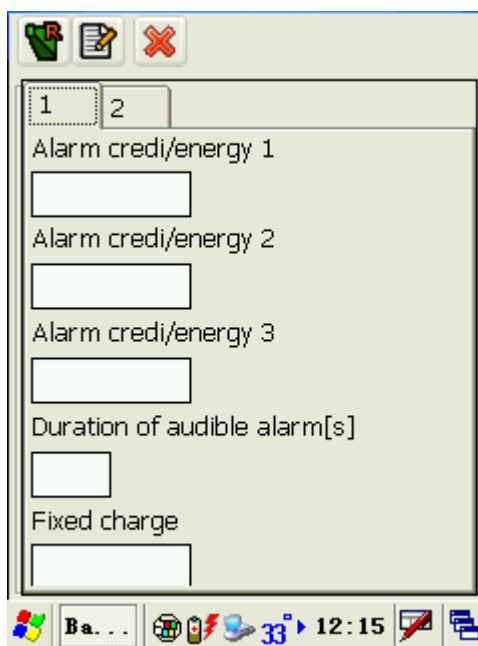
3.1.2 Writing



Billing parameters: It is used to read and configure the finished date and hour of billing period. The format of monthly billing date is 'dd hh' ('date, hour', dates are from 01 to 28 and hours are from 00 to 23), and the default billing date is at 0 clock on the 1st day of each month.

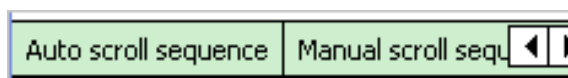
The format of daily billing time is "hh mm"(hour, minute);

Basic parameters, power quality: There are information about identification numbers. Here you can change the parameters about meter location.



Basic parameters

Display configuration: Display items: it can set the contents displayed on the LCD and the scrolling interval between former and later items.



Display configuration

(a) Auto scrolling display interval: set scrolling interval (unit: second).



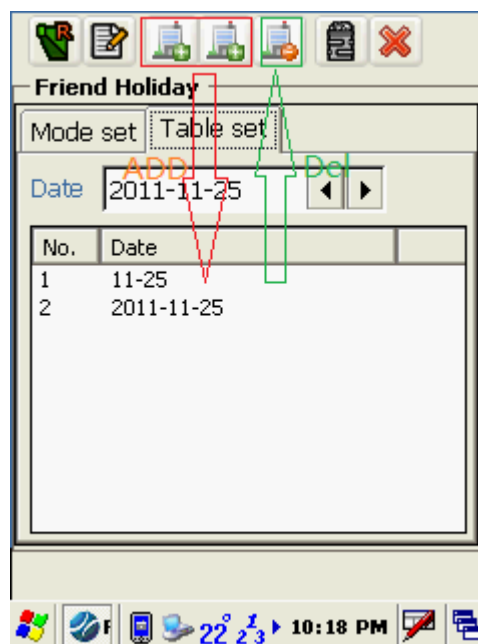
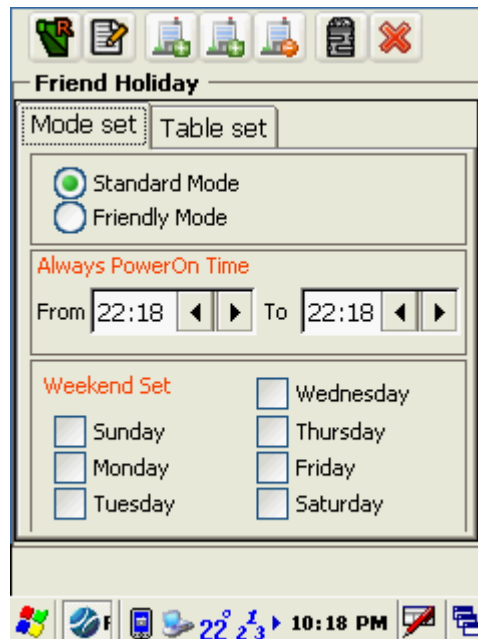
Time & Format

- (b) Auto scrolling display items: get or set the contents displayed on the LCD in Auto scrolling list.
- (c) Manual scrolling sequence 1: get or set the contents displayed on the LCD in manual scrolling list.
- (d) Manual scrolling sequence 2: get or set the contents displayed on the LCD in manual scrolling list.

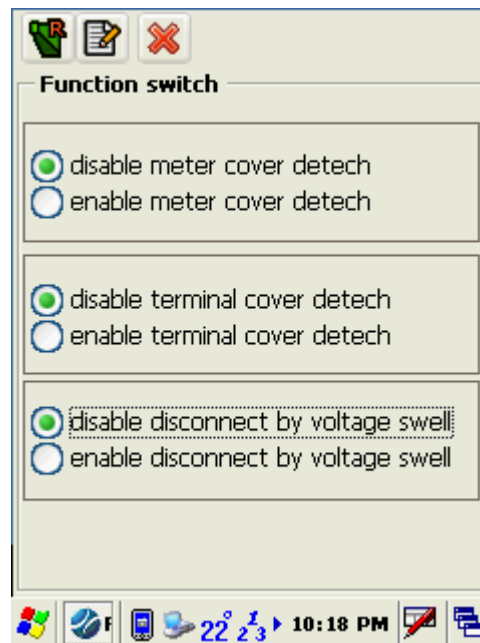
Take Auto scrolling display items as an example:

1. Select    before the items which should be displayed on the LCD.
2. The selected items will be displayed at left, and then click  to write the setting to the meter.

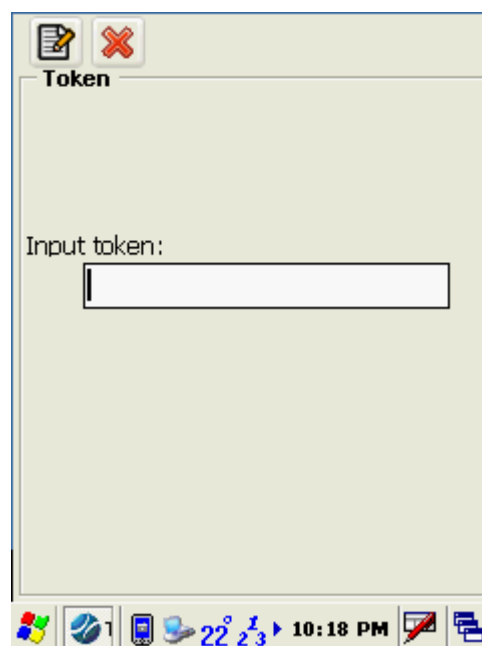
Friendly Holiday:



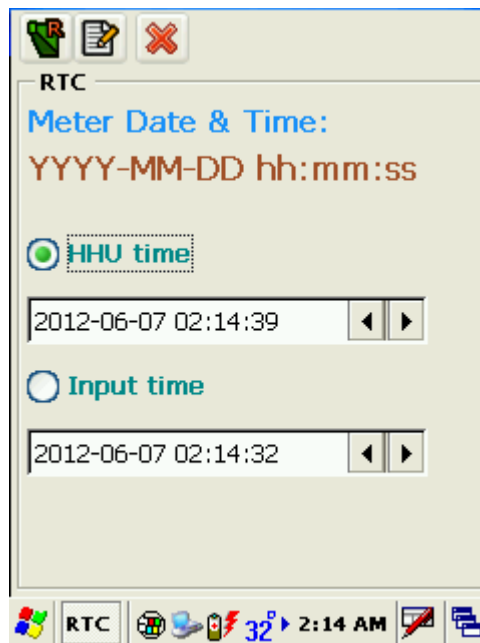
Function switch: Get or set the value of Function SW.



Token: set the token.

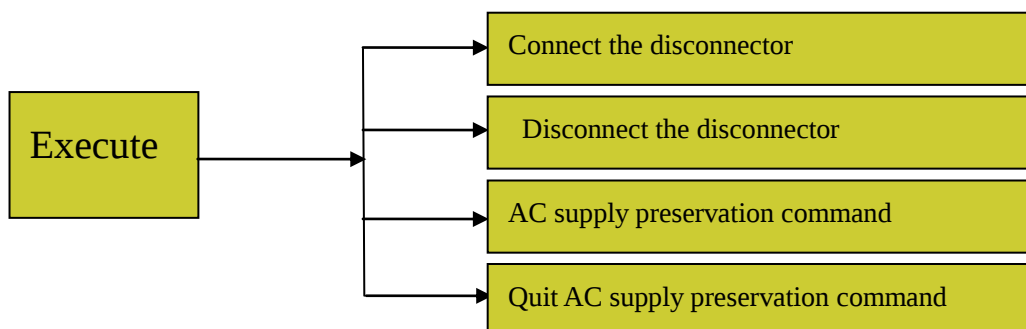


RTC: Get or set the value of RTC. The user can set the time according PC time or input time by the user.

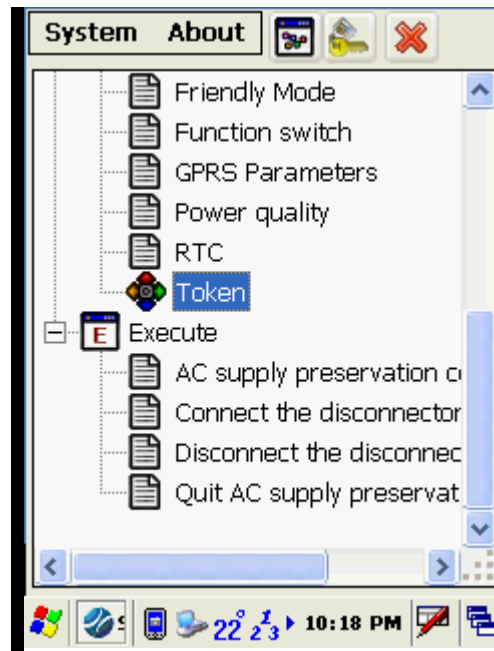


Date/time

3.1.3 Executing



Execute is used for setting the special operations in the meter.



Meter Executing System

If some commands need to be executed, click the Checkbox on the left of corresponding items, and click , these operations will be operated in the meter.



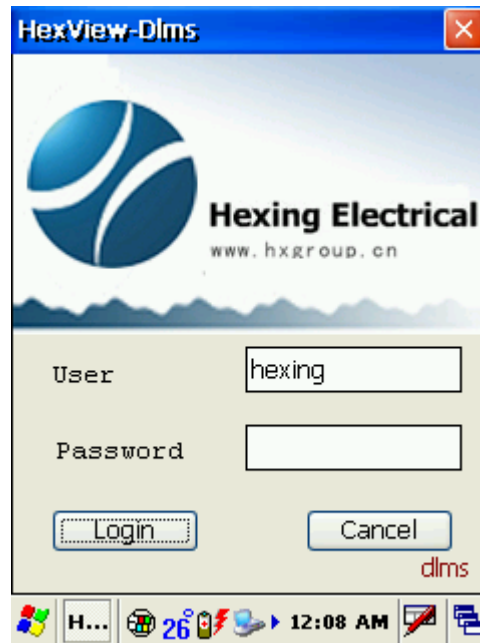
NOTE: please be cautious when executing the selected commands.

3.2 Software Operation

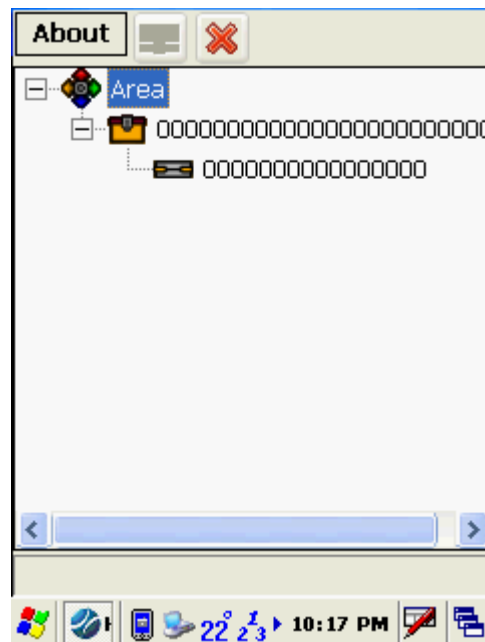
Double click shortcut “HexView” on the HHU desktop to enter the software.

User name: hexing

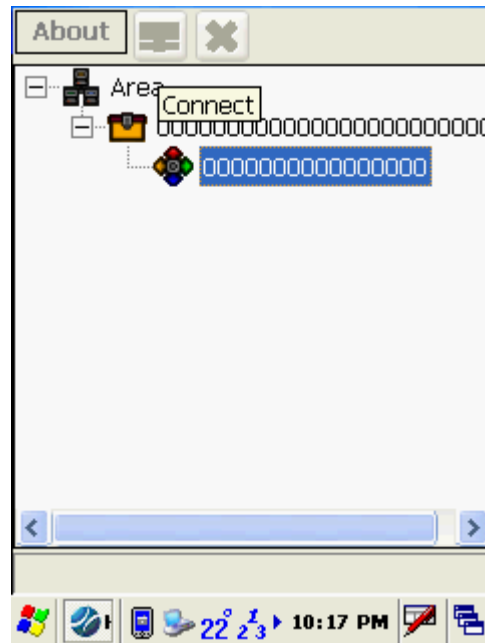
Password: 000000



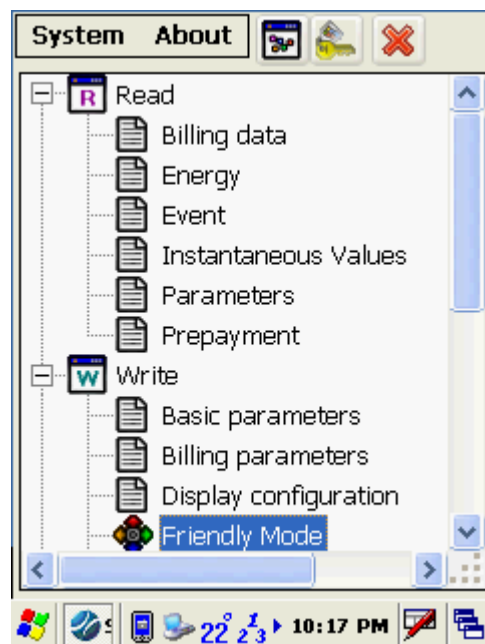
Click Login after inputting the username and password.



Select the meter No and click connect.

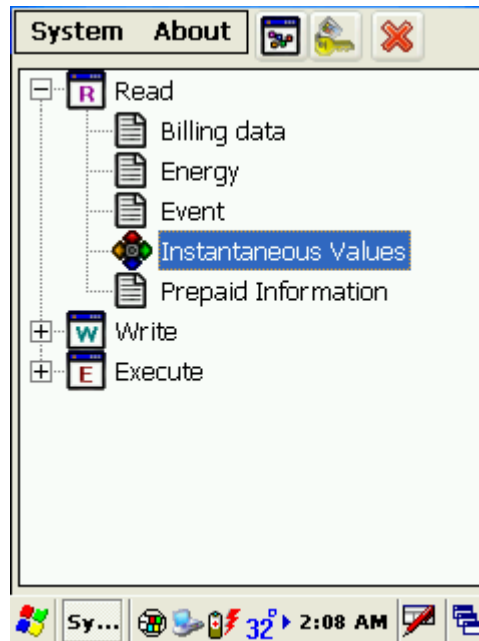


Enter follow picture:



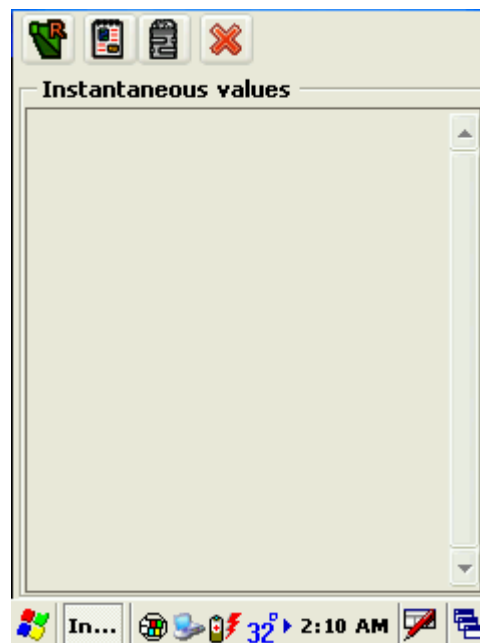
3.2.1 Reading

For example: reading Instantaneous Values

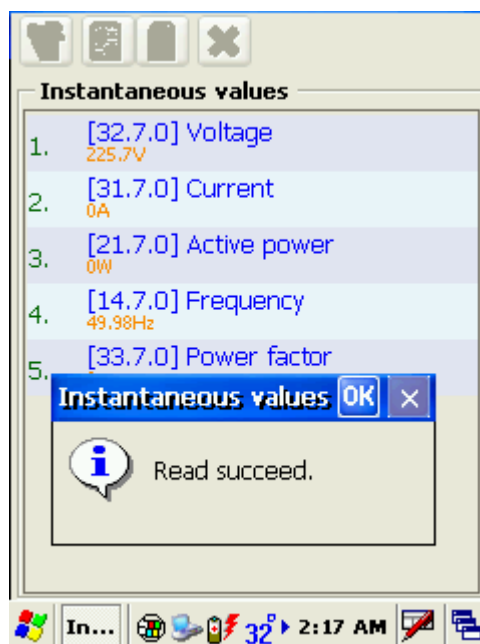


Instantaneous Values of meter, such as voltage, current, frequency, active power for three phases and for each phase, and so on.

Click the icon ;



Click icon  to read;



Click Icon ;



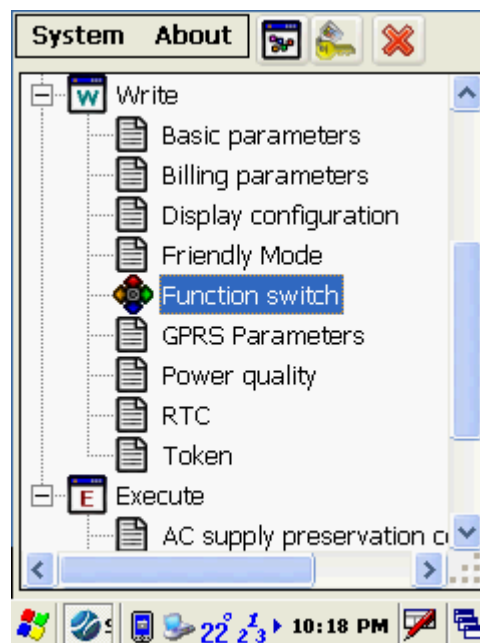
Exit: Click Icon 

3.2.2 Writing

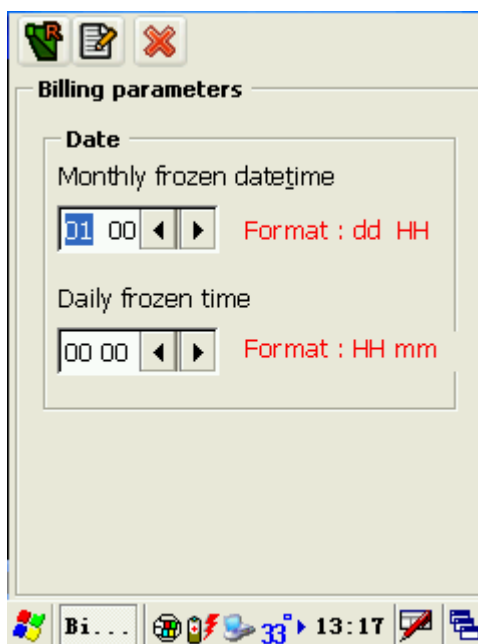
Click Write button, then the following screen will pop up;

For example: Writing Billing parameters

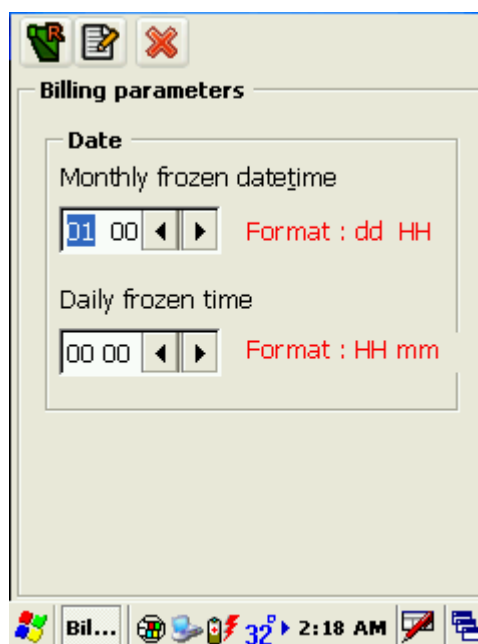
Select Billing parameters first;



Click Icon ;



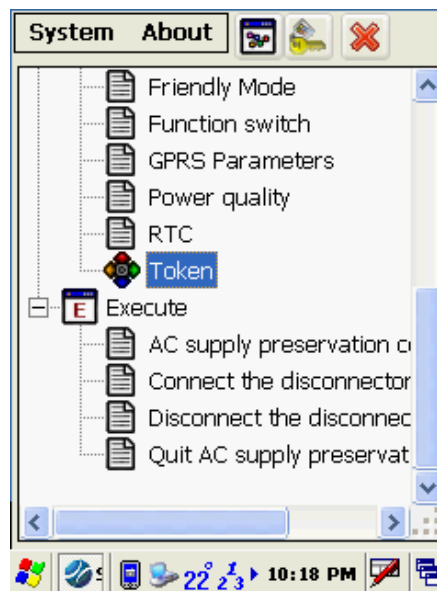
Click Icon ;



Exit: Click Icon ;

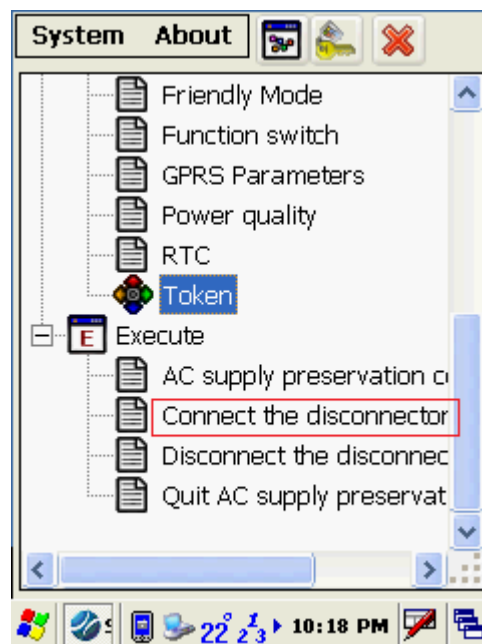
3.2.3 Executing

Click Execute button, then the following screen will pop up;

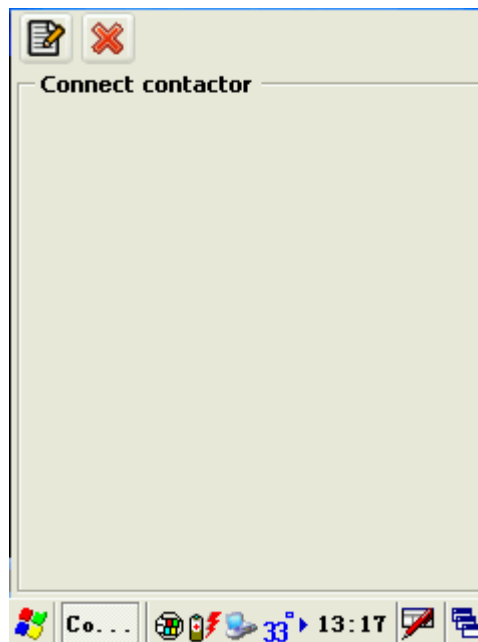


For example: Execute Connect the Disconnecto;

Select Connect the disconnecto first;



Click Icon ;



Click Icon ;



Click "Yes" to execute the selected operation;

Pls note that the Read, Write and Execute of other operations are similar as the examples shown above.



NOTE: Due to continuous improvement of the software, the screenshot shown in this user manual might be slightly different with the actual software interface. Information in this document is subject to change without notice. The information is accurate at the time of printing (March, 2013)
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