

Linortek Data Collector

The DataCollector Pro app is an upgraded version of the HourCollector app. Like our HourCollector App, this app can listen for UDP broadcasts from our hour meter devices. It can record and log this data into a .csv file. It can not only display the hour readings and digital/analog input data for each meter, but also allows you to select manually/automatically collecting/exporting data. Alternatively, you can also set it to manually acquire data. This is useful for port forwarded network hour meters as it can go out to the internet and read data off the device's XML pages. It can also collect data from the iTrixx WiFi Hour Meter both via REST or subscribe to an MQTT broker.

Install the DataCollector:

1. Run ndp48-web.exe (this will install .net framework if it is not already on your computer)
2. Run SQLServer2016-SSEI-Expr.exe (this will install SQL server)
 - a. Choose custom install, follow the prompts until you are given a checklist of features to install. make sure to check "LocalDB" at the bottom of the list.
 - b. All other options can be left as default
3. Copy the linortek_db folder to your C: drive
4. Run LinorTekSetup.msi to install the program.
5. If your PC has already installed previous version, you have to uninstall previous version "Linortek Data Collector App" from Control panel>> Add remove program and then new version "Linortek Data Collector.msi" setup file need to install.
6. After you installed the app, make sure The LinorTek_DataCollectorPro1 Firewall rule isn't set to be blocked on your PC.

Use the DataCollector

1. Open the Data Collector app and navigate to the App Settings window.
 - a. Set desired date and time format
 - b. Choose whether you wish for data collector to listen for UDP message from Linortek devices (easy) or to manually collect device data (advanced)
 - c. Choose whether to log data
 - d. Choose update frequency (manual mode only)
2. If using Automatic mode, open the Data Display window. Data will be shown as it is received.
3. If using Manual mode, navigate to the Device List and click **Add Device**.
 - a. Select your device type
 - b. Enter device name
 - c. Enter IP address (if local) or web address (if remote)
 - d. Enter Port (if assigned)
 - e. Enter user name and password for device
 - f. Repeat the above for each device

Open Data Display window. The data collector will automatically collect data for devices set in the Device List. In either manual or automatic mode, you may export the current data to .CSV, or export the data log (if set) to .CSV.

Note: if the log is not exported periodically, the amount of system memory required to export will increase and may cause the app to not respond. If this happens, delete the device data log.

Disclaimer

Please note that while this software has been tested in house, Linortek offers no warranty and shall not be held responsible for damage or loss of data resulting from use of this software. Please contact your system

administrator prior to use if you believe installing or making changes to SQL Server or .NET Framework may adversely affect your computer system