

MeterLink™ Software v1.94

for Rosemount Gas and Liquid Ultrasonic Flow Meters



MeterLink™

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1 MeterLink™ system requirements

Installation system requirements

Software
Windows® 10 (Home, Pro and Enterprise 32- and 64-bit editions)
Windows 11 (Home, Pro, and Enterprise editions)
Microsoft® Excel® 2016 through Microsoft Excel 2021 (inclusive). A full/typical Office installation is recommended. In particular, the Visual Basic for Applications feature is required. Log file(s) are CSV format if a supported Microsoft Excel version is not available.

Note

CUI should not be run simultaneously with MeterLink.

Hardware
PC with 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor, and that meets the system requirements for the operating system
One serial port available for remote/local connection (for on-line operations)
One Ethernet port available for remote/local connection (for on-line operations)
100 MB of free hard disk space
Display with at least 1024x768 screen resolution
Windows-compatible printer (optional) and mouse (i.e., Mouse, Trackball, or Touchpad)

2 Install MeterLink™

Procedure

Run the MeterLink installation program and follow the Installation Wizard instructions to complete the software installation.

Note

The MeterLink installation program is available for download from the Emerson website:
<http://www.emerson.com>.

Note

The SHA-1 checksum for the MeterLink version 1.94 application installer **meterlink-1.94.024.exe** is **SHA-1 checksum 618D835CB5E4DA88D5AE37F1E1EF196BD46BDC97**.

Note

In the case of downgrading MeterLink to an earlier version, the system will first force you to uninstall the currently installed version. (The meter directory and other data files will not be affected).

3 Install a direct connection driver

If an Ethernet connection is unavailable, install the Emerson Direct Connection driver.

Configure a direct connection on Windows® 10 and Windows 11
From the Start menu, type Control Panel and select Small icons for View by .
Click the Phone and Modem icon.
On the Phone and Modem dialog, select the Modems tab. Click Add to start the Add Hardware Wizard .
On the first page of the wizard, select the check box "Don't detect my modem; I will select it from a list" and click Next to continue.
On the second page of the wizard, select Have Disk .
Enter the installation directory for MeterLink™ under "Copy manufacturer's files from:" option. The default installation directory is typically C:\Program Files (x86)\Emerson\MeterLink. Click Browse , if necessary to search for the MeterLink installation directory. Click Emerson Direct Connection . Click Open to continue.
The Add Hardware Wizard is displayed. Under the Models list, select Emerson Direct Connection and click Next to continue.
Click Selected ports (only select the port you want to use to communicate with MeterLink) and click Next to continue.
Click Finish to close the wizard.

4 Configure the MeterLink™ meter directory

Prerequisites

If the meter directory has not already been configured, MeterLink creates two meter directory records, one for an Ethernet connection to a meter with its DHCP server enabled, and another for a direct connection at 19,200 bps.

Note

Detailed context-sensitive help is displayed when **F1** is pressed in MeterLink.

Procedure

1. Open the Meter Directory using the **File>Meter Directory** menu or use the Meter Directory icon .
2. Create a new record by selecting **Insert**, **Insert Duplicate**, or **Add** from the **File** pull-down menu.
3. Enter a meter name, short description, and meter type.
4. Use the **Direct**, **Ethernet**, and **Ethernet 2** check boxes for the desired communication method.
5. Edit the connection properties for each connection method selected by clicking the button enabled at the bottom of the dialog.

For more information: [Emerson.com/global](https://emerson.com/global)

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