Badger Meter

E-Series Ultrasonic Meters

Programming Software

DESCRIPTION

The E-Series Ultrasonic Application has the ability to modify the 35-day alarm settings on E-Series Ultrasonic meters programmed to either RTR or ADE protocol.

The software runs on a laptop and uses an IR programming head to modify the status of the following alarms to allow reads to be sent:

- Exceeding Maximum Flow
- Low Temperature

The following sections explain how to quickly install and start using the software application.

Parts List

Included in the kit:

- Application software CD (68027-001)
- Programming manual

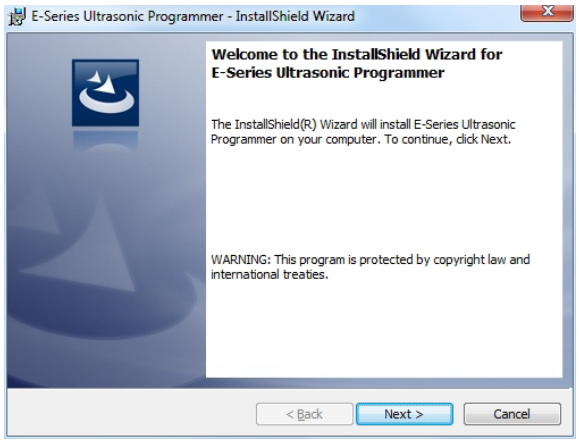
Additional parts required:

- Customer-supplied IR communication cable 64436-023
- USB to Serial adapter 64436-029

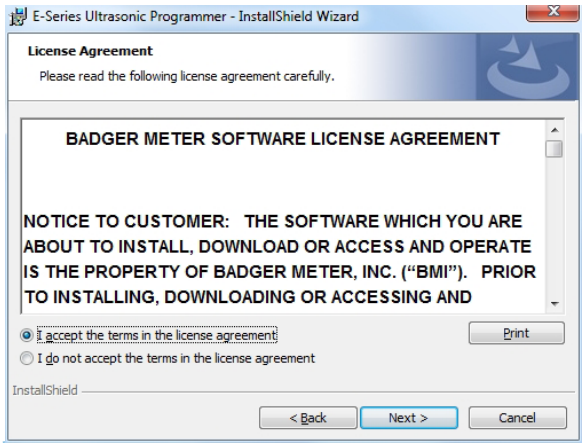
INSTALLING THE SOFTWARE

This section describes how to install the E-Series Ultrasonic Programmer software.

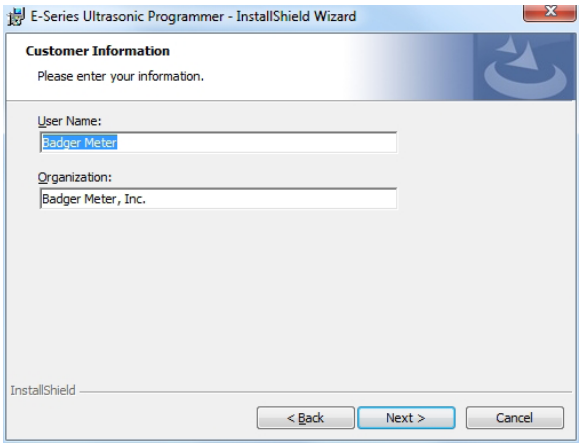
1. Insert the CD-ROM containing the software and double-click the **setup.exe** file. The *Welcome* screen displays. Click **Next**.



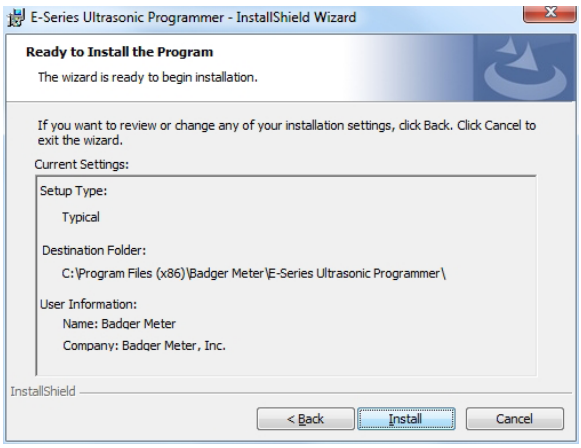
2. Accept the terms to the license agreement and click **Next.**



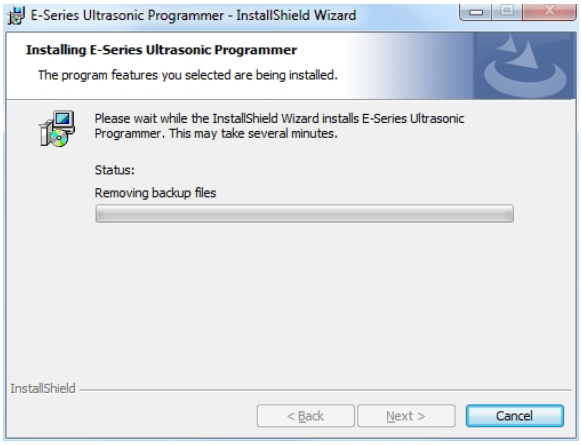
3. At the *Customer Information* screen, fill in the fields and click **Next**.



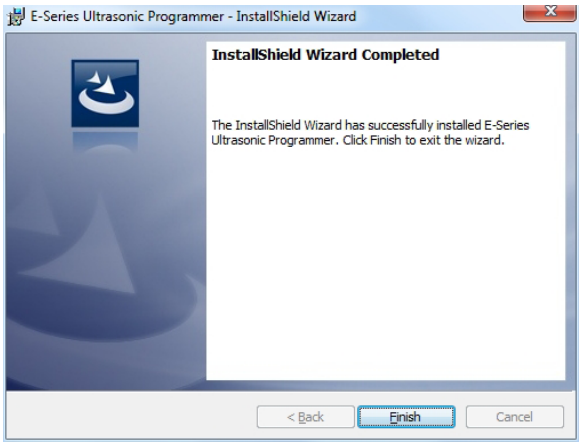
4. Click **Install** to begin installing the software.



5. The InstallShield Wizard displays the installation status.

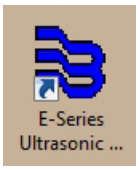


6. When the installation is complete, select **Finish** to exit the Wizard.

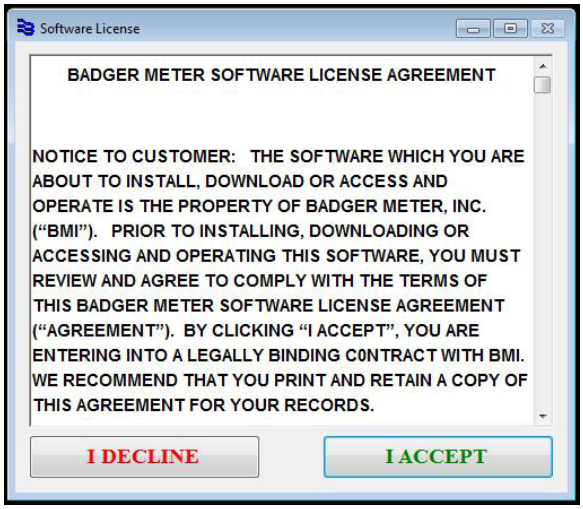


USING THE PROGRAMMING SOFTWARE

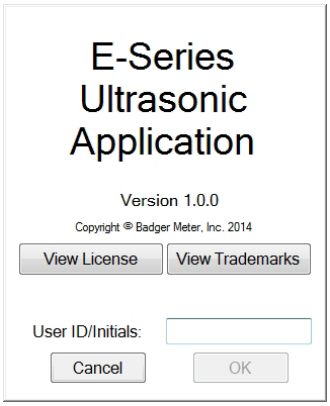
1. Connect the IR reader to the computer.
2. Double-click the E-Series Ultrasonic Programmer desktop icon.



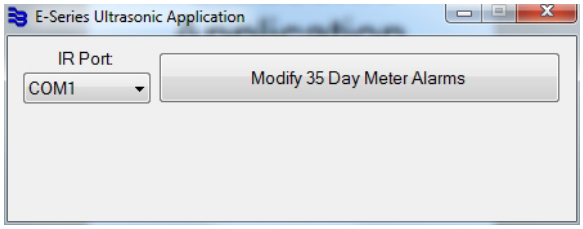
3. The first time you launch the program, the *License Agreement* displays. Read the agreement and click **Accept License**. If you select **Decline License**, the program will not start.



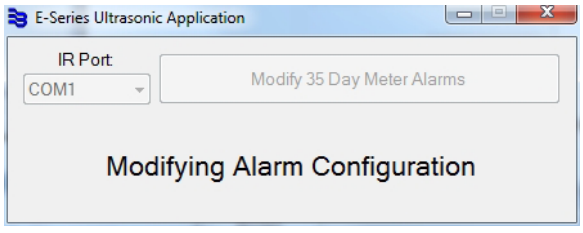
4. Enter a three-character User ID in the box and click **OK**. Any three characters will open this application.



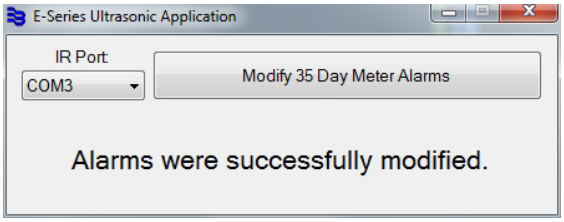
5. Select the COM port to which the IR reader is connected.
6. Position the IR reader over the E-Series IR head and click **Modify 35 Day Meter Alarms**.



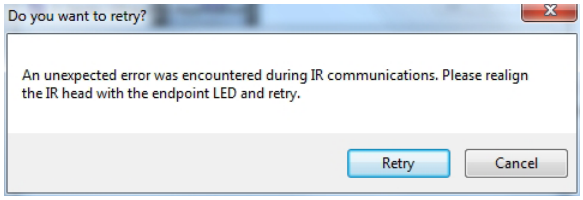
7. Continue holding the IR reader in place while the meter alarms are modified.



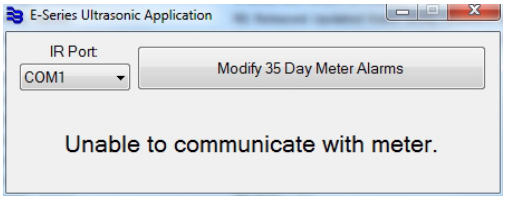
If the alarms were successfully modified, the following screen displays.



If the alarms were *not* successfully modified, the following displays.

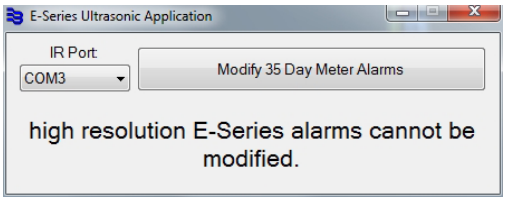


8. Realign the IR head and click **Retry**.If the retry fails, this message displays.



Make sure you have correctly installed the IR reader and selected the COM port to which it is connected.

NOTE: Alarm modification does not work in high resolution meters. If you try alarm modification on a high resolution meter, you will see this message.



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