

EMERIS Primus

Quick Start Guide

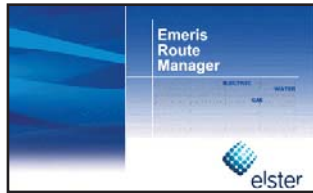


1. What's included?

Emeris Primus comes with the following components:



TRC600 Radio (MIU)



Emeris Communication Manager Software



TRC603 USB Radio Modem for Laptop (optional)

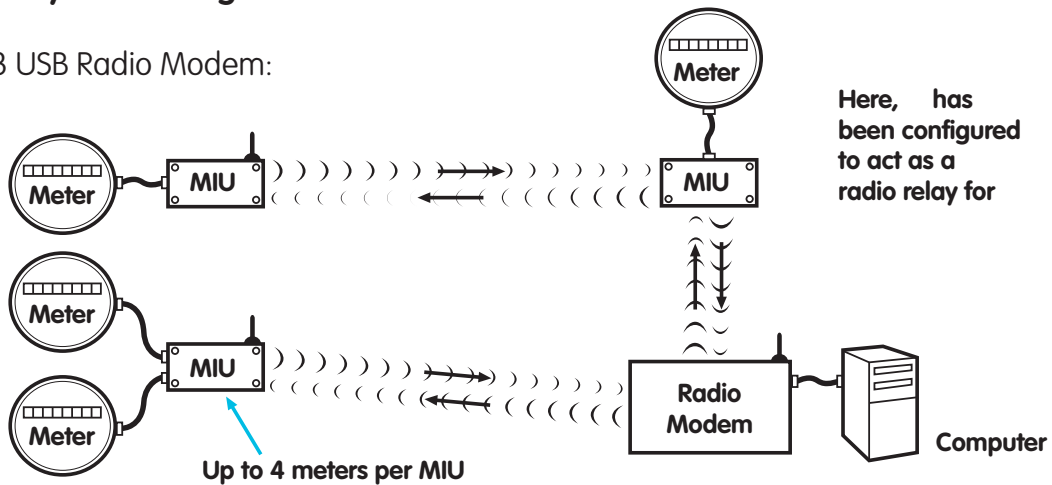


Bluetooth belt module for PDA/Smartphone (optional)

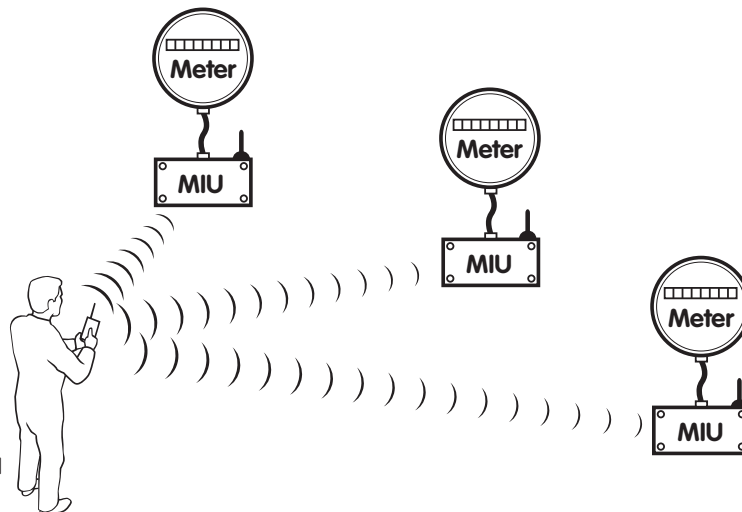
Note: Please note that other MIU types are available. If an MIU type other than a TRC600 is used, then the installation procedures will differ. Please contact Elster for the relevant documentation.

This is how they all work together:

With TRC603 USB Radio Modem:



With the Bluetooth module paired with a hand-held, PDA or Smartphone¹:



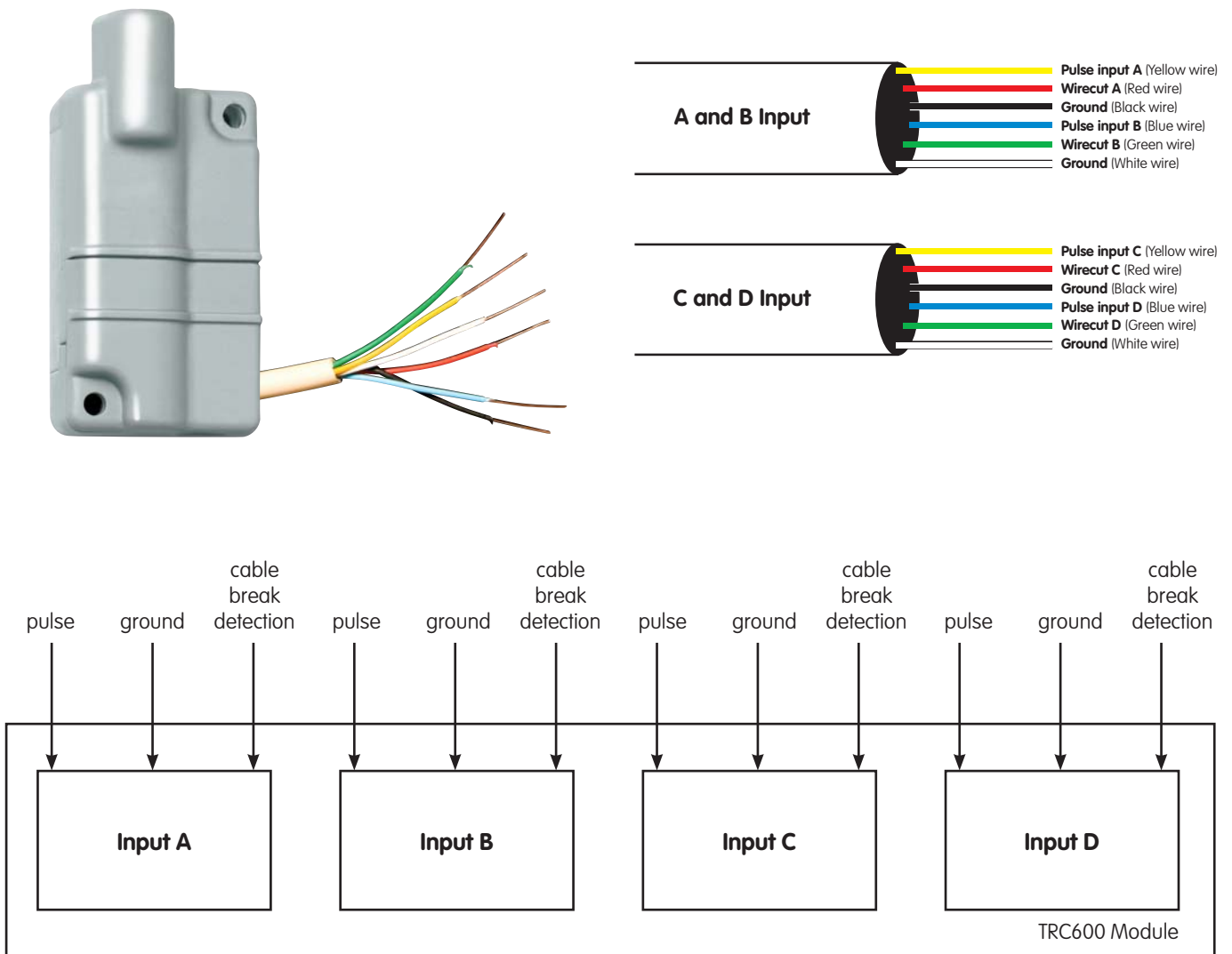
¹ Windows Mobile or above required

2. Installation of the Radio Modules

The TRC600 module is installed simply by connecting the meter probe to the meter and mounting the module in a suitable position. The TRC600 module manages up to 4 pulse metering inputs. The module is generally delivered pre-wired by Elster with the associated meter probe, or delivered with the wires disconnected ready for connection to a meter probe via a 3M Scotch Lock type connector.

In this case, the TRC600 module is delivered with a 6-wire cable for each input (maximum 4 cables).

The cables are connected to the probes as follows:



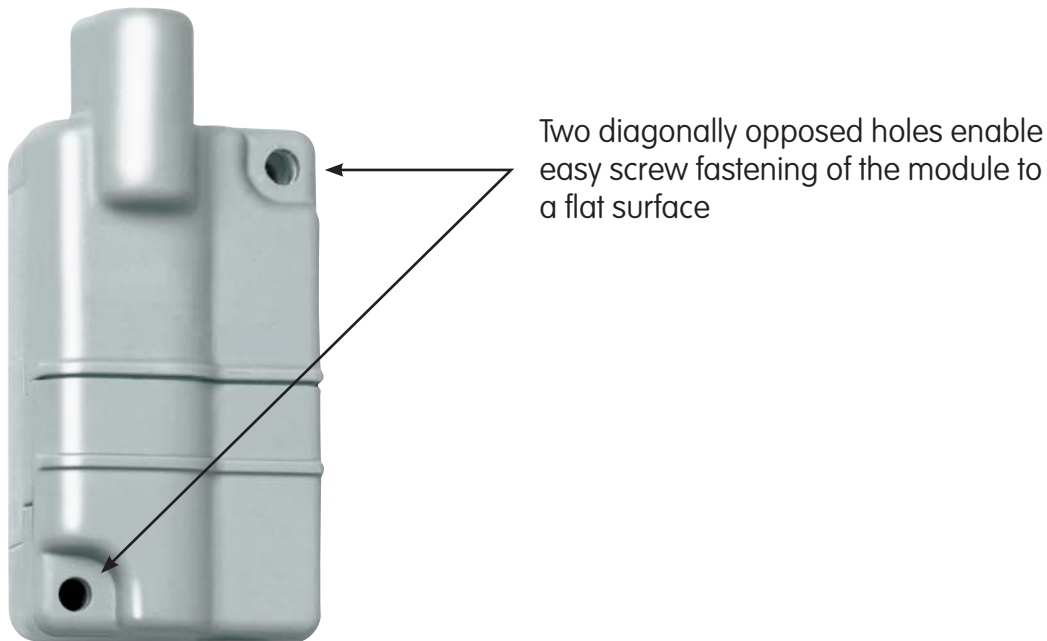
Once the probe has been connected, it is simply connected to the meter.

3. Fastening the TRC600

The modules may be fastened in various ways:

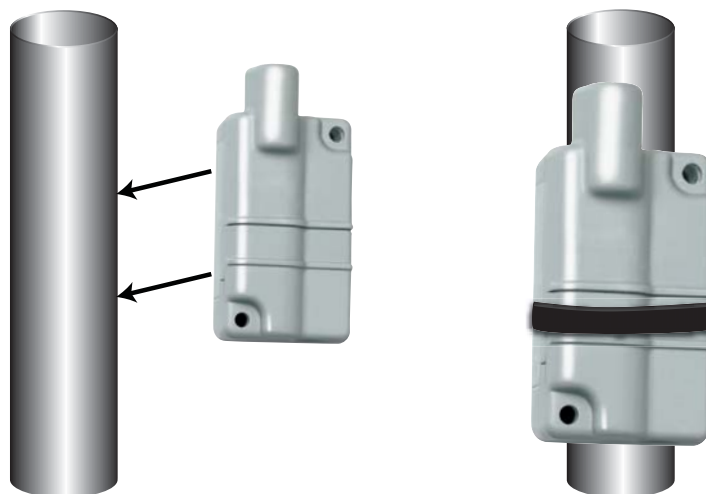
Screw fastening

Two diagonally opposed holes enable easy screw fastening of the module to a flat surface.



Fastened with a plastic strap

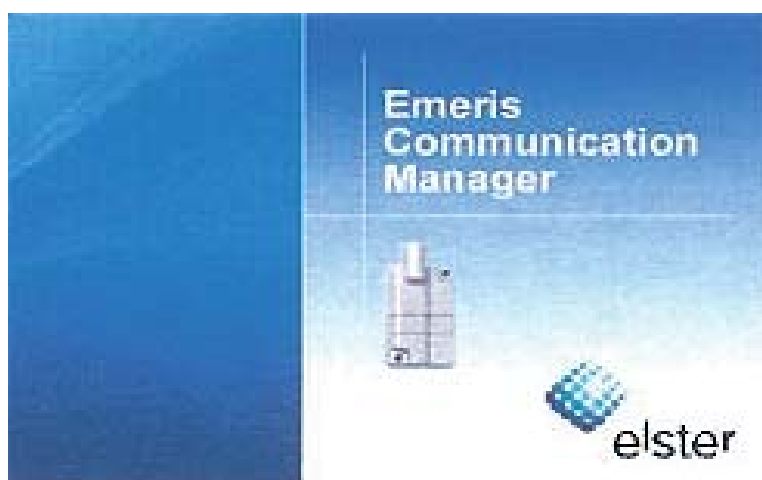
While best results are achieved when the TR600 is fitted away from metallic objects, it can be fitted to the water pipe, if necessary. The specially designed casing of the TRC600 module may be fastened to a pipe (the rear surface of the module is vertically curved) and secured with clamping or fastening straps (a horizontal guide is incorporated in the front surface for this purpose).



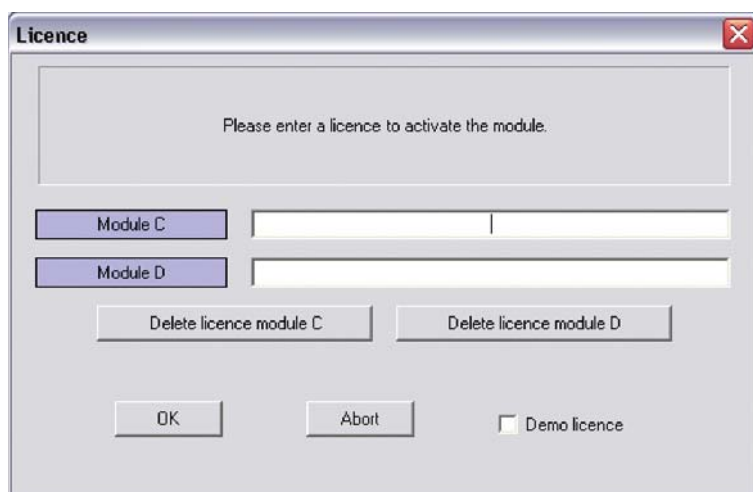
Precaution: To ensure optimum operation, both from a battery as well as a radio frequency emission point of view, it is recommended to fasten the TRC600 module vertically with the aerial pointing up and to ensure a minimum distance of 20 cm between two modules. It is also recommended to install the modules, whenever possible, far away from metal surfaces and electrical cables.

4. Installation of ECM software on PC/Laptop

- Step 1** Insert the installation CD in the CD-drive.
- Step 2** Open the folder ECM. Start the "Setup.exe" file and follow the installation wizard. Note that the installation of .NET framework 1.1 might be required during the ECM installation.
- Step 3** After finishing the installation you will see the window INSTALLATION COMPLETE. This means the installation has been successful and a shortcut is created on your desktop.
- Step 4** Start the program with a double click on the ECM short cut. The following image is displayed on your screen:



- Step 5** Click on the tab LICENCE and then SET LICENCE.



- Step 6** To use the software please enter your registration code for module C and/or module D. Click OK. The software is installed.
- Step 7** Connect the radio modem TRC603 to initiate communication with the radios and to configure the system.

Note: refer to the ECM User Manual for radio configuration



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