Remote Meter Disconnect Quick Start

Remote Meter Interface (RMI) Installation Operation
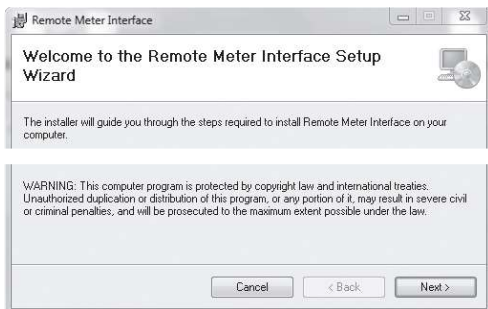
1. Go to www.honeywellgasdepot.com
2. Log in, find RMI Install, and download to desktop.
3. Double-click RMI installation file (RMI Install – V2.3.msi).
   The following message box may pop up.

4. Click "Run" and the Remote Meter Interface Setup Wizard appears:

5. Click "Next". The following dialog box will appear to choose where the application is installed. If necessary, you can change the

folder in which the software is to be installed by clicking the "Browse" button. The selected folder is automatically created if it does not already exist. Click "Next".

6. A confirmation dialog box will appear like below. Click "Next" to start the installation. You may get a window prompt asking if you want to install the program, click "OK" to allow the installation to continue.

7. Read the license agreement in the dialog box and click "I agree" then "Next" to accept and start the install.

8. After a short status bar, the window below appears. Click "Extract".
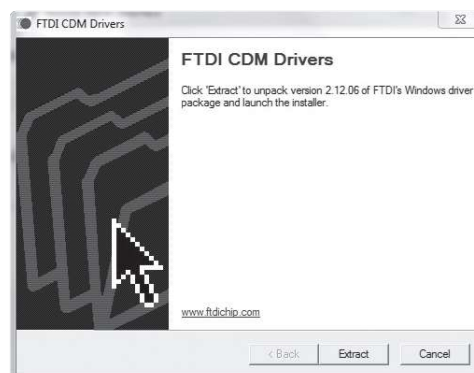
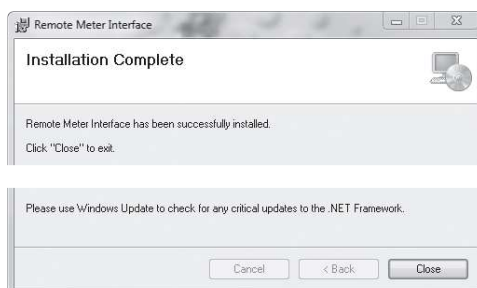9. The device driver installation wizard dialog box below will appear. Click "Next."

10. Read the license agreement in the dialog box, click "I accept this agreement", and then click "Next."

11. The next dialog box opens to show it has completed installation. Click "Finish."

12. The Remote Meter Interface is now installed. Click "Close" on the Installation Complete dialog box.


Hardware setup

Materials needed:
PC with Windows Operating System 7 or higher
AC-250 RMD Meter
RFMD "Dongle"
6 ft. USB Cable (Provided)

1. Plug the USB cable into the PC and the dongle
   a. The red LED on the dongle will turn solid to indicate power is supplied to the device. The green LED on the dongle will also turn solid to indicate that it is running.

2. Once connected, Windows will search Windows Update for updated FTDI drivers. It is OK to skip the search as the drivers were installed with the RMI software already.
   a. Confirm completion of the FTDI drivers in the system tray.
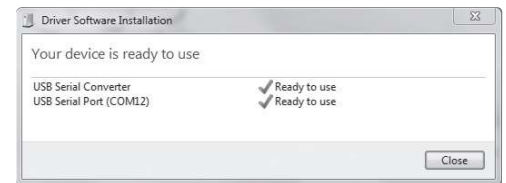
3. For best communication and range, the antenna should be positioned in a vertical position in an open area.

Using the RMI Application

1. Launch the RMI application using the Windows start menu or the desktop shortcut that was created when it was installed.

2. Before a dongle can be used, its authentication key must be imported into the application. This allows the application to confirm that the dongle is authenticated for use by Honeywell.
   a. Under the "Data Files" tab in the application, click "Browse" in the authentication keys section to locate and select the "Keys" data file that was sent to you.
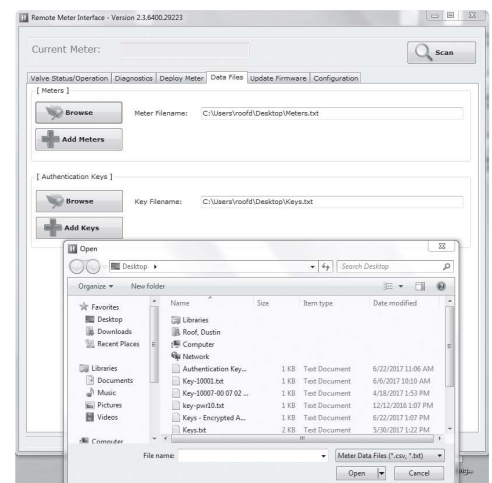
b. Click "Add Keys" to import the data to the application. The results field should say, "_ keys added. _ keys available" like below.

c. To check the status and authentication of the dongle:
- Plug dongle into USB cable connected to the PC.
- Hit scan in upper right corner of the application and allow it to authenticate the dongle.
- A successful authentication will show a green dot at the bottom left corner of the application and say authenticated in the box to the right of it as appears below.
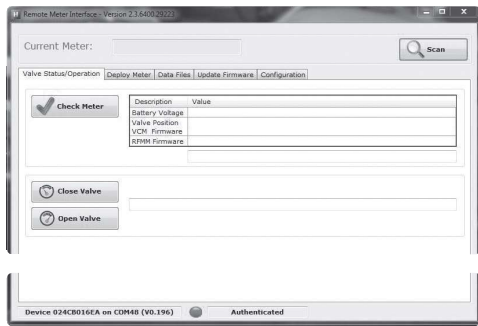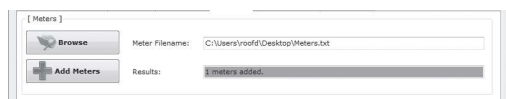

d. This operation will be required with each new shipment of dongles. Each data file added will append data to the reference table in the application.

3. Similarly, before operating a meter, it is necessary to import the meter data into the application.

a. In the same tab, click on "Browse" in the meters section to locate and select the "Meters" data file that was sent to you.

b. Click "Add Meters" to import the data to the application. The results field should say, "_ keys added" like below.

c. This operation will also be required with each new shipment of meters. Each data file added will append data to the reference table in the application.

4. Enter Meter Number (typically utility serial number) in the text field next to "Current Meter" as shown below. The text field will highlight green if the meter number matches an entry in the meter table that was imported in the previous step.
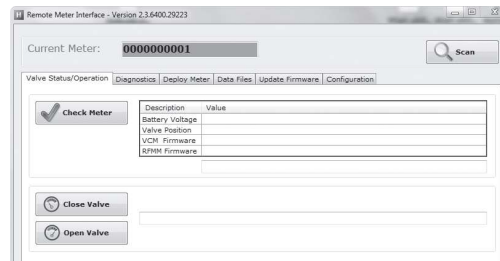
5. Click "Check Meter". You should see that it has communicated as shown below. The display will indicate the status of the communication and display green if it was successful. A red display will indicate that it was not able to communicate with the device and should be attempted again.
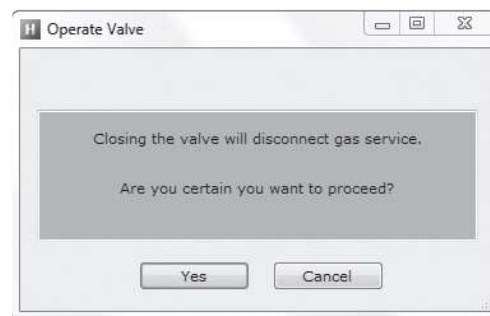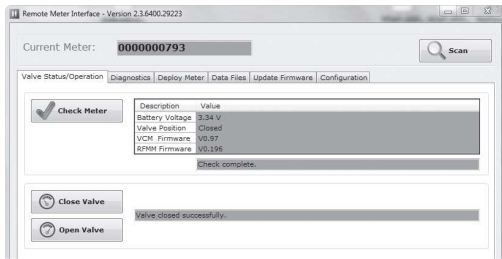

6. Valve Operation
a. For best communication results, first establish connection with the meter using the "Check Meter" function in the previous step before operating the valve.

b. Close
Click "Close Valve." A dialog box will appear to confirm that you want to close the valve. Click "Yes" for disconnecting service.

Look for Valve closed successfully message as shown below[1]:

c. Open
Under the Valve Status/Operation tab, click "Open Valve." A dialog box appears prompting for the PIN to open the valve. Locate the 5-digit PIN ID on the antenna fin of the meter top. Enter this number into the PIN field of this box as shown below:

A confirmation box will appear like below. Click "Yes."

Look for Valve opened successfully message as shown below[1]:

1. Note: If trying to open or close a valve that is already opened or closed, RMI will give a failure status.

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www.elster-americanmeter.com

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