

### REQUIRED

- IR Communication Device
- Windows® device (computer, laptop, tablet)
- Micro B USB cable, 3 feet or less  
(Close-up of micro B end shown)
- Bootload.bin firmware file  
Go to **Utility Settings>Downloads** on the BEACON® website to open the firmware file location and download the firmware file.



### UPDATING FIRMWARE

#### IMPORTANT

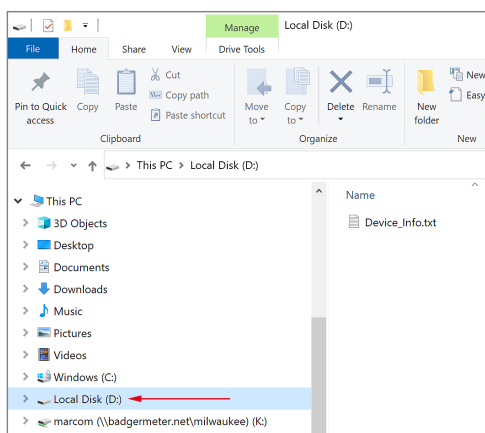
*For best results at time of installation, the IR Communication Device (fob) firmware should be updated prior to installing any new cellular endpoint type.*

1. Connect the micro B USB cable to the IR Communication Device as shown.

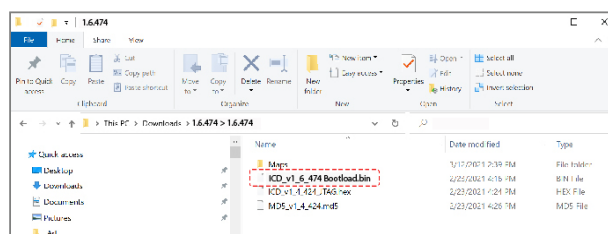


2. On your Windows device
  - open File Explorer and
  - connect the IR Communication Device to a USB port

The IR Communication Device will appear as a new drive in File Explorer. Make note of the drive letter. In this example, it is the **D:** drive.



3. Locate the new firmware file on your Windows device and **copy** the .bin file (example: ICD\_v1\_6\_474\_Bootload.bin).



4. **Paste** the .bin file into the drive associated with the IR Communication Device. The following will happen:
  - LED 1 on the IR Communication Device will begin to blink
  - After 5...10 seconds, the screen will close and the light on the IR Communication Device will go out

The firmware update process is complete.

#### Confirm Firmware Update

Each IR Communication Device has a "Device\_Info.txt" file. This is the file that is updated with the latest firmware.

1. In File Explorer, open the drive with the IR Communication Device.
2. Then open the Device\_Info.txt file. The firmware version number should be the same as the .bin file you placed on the device.



*continued on back*

## Troubleshooting

Some customers' anti-virus software may interfere with loading the new firmware. If the text file does not show the correct version number, delete the bin file and try repeating the process.

Contact Technical Support (800-616-3837) if the firmware does not update.

## ADDITIONAL RESOURCES

For details on local programming and troubleshooting using the IR Communication device, please see the [Product Configuration Utility Manual for ORION Endpoints \(UTL-PM-04172-EN\)](#) available at [badgermeter.com](http://badgermeter.com).