

iP501-330 USB PROBE DRIVERS INSTALLATION INSTRUCTIONS

A. Installing Drivers

The CD-ROM enclosed contains the Windows System Virtual COM Port Drivers for the iP501 USB Optical Probe. **These drivers need to be installed in the PC prior to using the USB Optical Probe.**

NOTE: These drivers can be downloaded automatically to the PC once the Optical Probe is connected to the PC providing the PC's System Windows Update Settings is set to receive and install updates automatically. If this is the case, once the Optical Probe is connected, you will see a message on the bottom right-hand corner of the screen that USB drivers are being installed. Wait until you see a message whether the drivers were installed successfully. If this is the case, the USB Probe is ready to use. **The drivers can also be downloaded and installed manually from the FTDI website:**
<http://www.ftdichip.com/Drivers/VCP.htm>

If the drivers are not installed automatically, follow the next steps:

1. Insert the CD into the computer's CD-ROM drive.
2. Open the CD Drive and double-click on the file named "**CDM21216_Setup.exe** and follow the instructions on the screen.

B. USB Probe Hardware Interface

Before starting using the USB probe, the probe COM Port needs to be identified so that the proper COM port can be selected in the Meter Reading software being used. (Please have the USB Probe connected to any USB port of the PC).

1. Go to the computer's "Control Panel" and select "System"
2. Once in the "System" select "Hardware"
3. Once in "Hardware" select "Device Manager"
4. In "Device Manager" select "Ports (COM & LPT)"
5. Under "Ports" the "USB Serial Port (COM X)" should be listed. Please note the (X) means the Port number assigned by the PC. This number will be selected in the Meter Reading Software to start communication between the meter, probe and PC.
*****If any other COM Port Number is selected in the Meter Reading software, the USB Probe will not communicate with the meter*****

NOTE: The PC assigns a USB COM Port automatically but this COM Port number can be changed to whatever COM Port number is desired as long as it does not interfere (conflict) with any other USB devices being used by the PC.

***** Please contact Intelliprobe at 956-630-1833 with any questions or further assistance with this installation *****