Thank you for purchasing the TouchProbe Blue.

The following is a quick guide to introduce a few of the hardware features of the TouchProbe Blue.

Rechargeable Battery

The battery in the TouchProbe Blue is a rechargeable lithium ion polymer battery. The USB-C charging port is located inside the unit and accessible by removing the end cap. It is recommended that the TouchProbe Blue be fully charged before use. A full charge takes approximately 3 hours depending on the power source. Depending on use, it will need to be recharged within a 6 month time frame. The Bluetooth radio draws additional power.

How To Remove Endcap

Before removing the endcap, note the orientation of the end cap's circular, translucent IR lens shown in Figure 2. When the endcap is fastened to the body of the TouchProbe Blue, this lens must be aligned with the IrDA optics inside the TouchProbe Blue.

To remove the endcap, use the provided Allen wrench (3/32") to turn the end cap screws counter-clockwise until the screws are removed from the TouchProbe Blue case. The screws do not need to be removed from the endcap. Remove the endcap and set aside. To charge, plug a USB-C cable into the USB-C port and let charge for 2-3 hours. The LED will rapidly blink green while charging and become a solid green once the TouchProbe Blue is fully charged.

After charging is complete, remove the USB-C cable and return the endcap to it's original orientation with the IR lens aligned with the IrDA optics. Turn the screws clockwise until snug, making sure to not over tighten as this can damage the endcap.
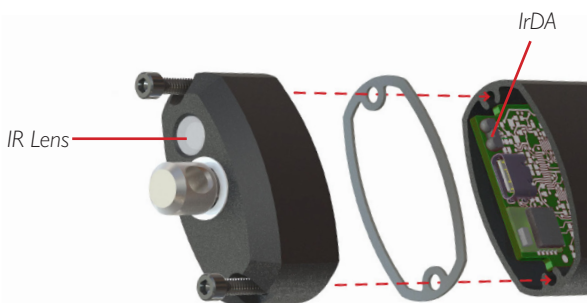

LED

Endcap   *Body*   *Beeper*
Read Head

Figure 1: *TouchProbe Blue Components*

LED Indicator

Green flash every 8 seconds – *Bluetooth off*
Blue flash every 8 seconds – *Bluetooth ready*
Red flash every 8 seconds – *Low battery (3.2V or less)*
Blue solid – *Bluetooth connected*
Green flash every 3 seconds – *Charging*
Green solid – *Charging complete*

IrDA
IR Lens

Figure 2: *End Cap Installation*

Figure 3: *USB-C Charging*

Communication	Speed	Hardware	Software
USB-C	1000 Kb/s	USB-C cable, PC or Android device with USB OTG adaptor	Windows 10 or newer (PC), Videx Data Link App (Android device)
IR	100 Kb/s	CKBR-IR10 Encoder, USB-A cable, PC or Android Device with USB OTG adaptor	Windows 10 or newer (PC), Videx Data Link App (Android device)
Bluetooth	10 Kb/s	Android or iOS device	Videx Data Link App
Tip	10 Kb/s	Legacy TPD-002 or TPD-F02 Download Station (no longer available for purchase)	Legacy