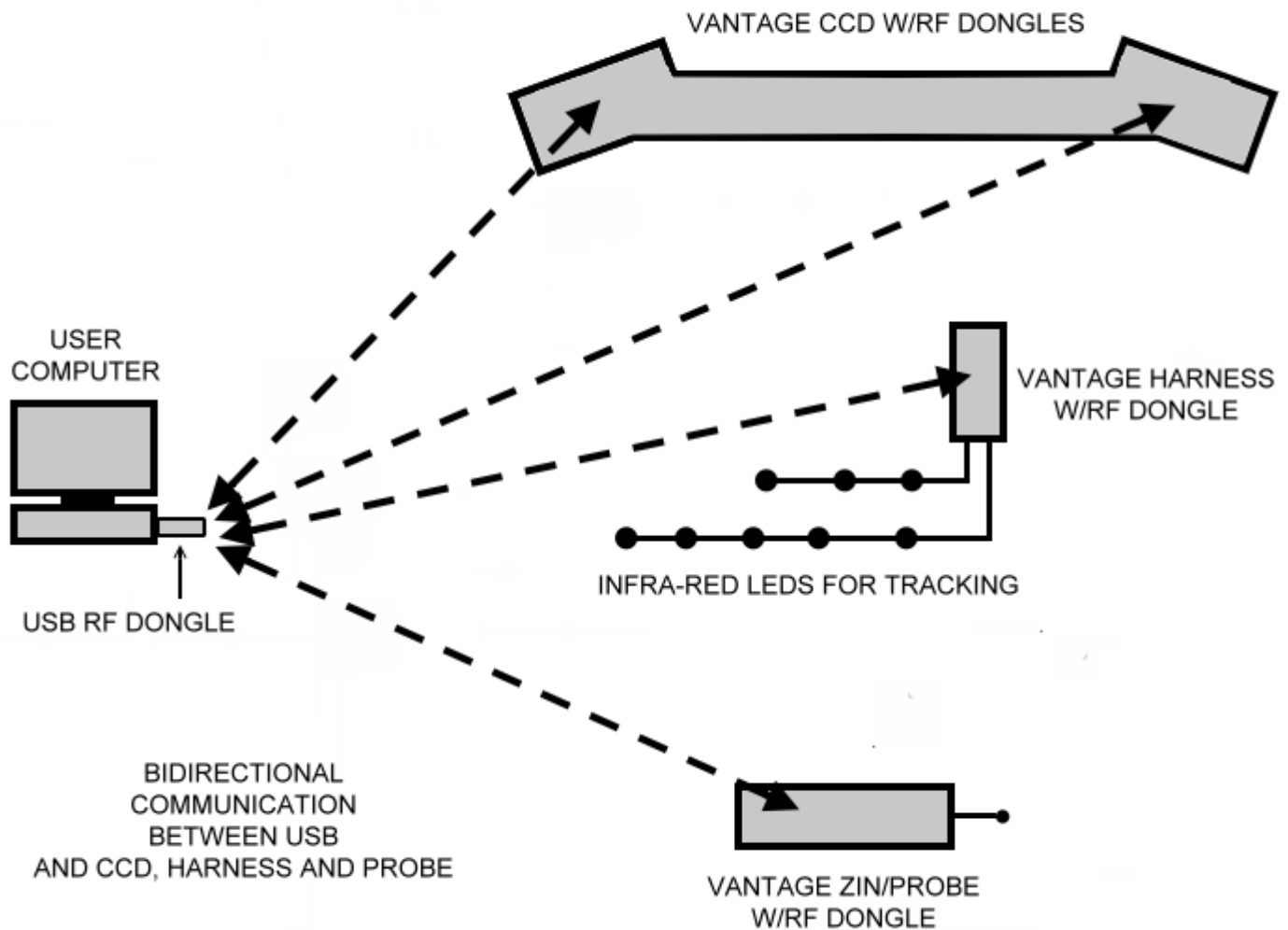




VANTAGE THEORY OF OPERATION DIAGRAM



The RF module exists as a communication link in/for all related Vantage hardware. The Vantage CCD, Harness, Probe and USB dongle communicate on 1 of 16 possible channels in the frequency range of 2.405GHz to 2.480GHz in the 2.450GHz frequency band. User input is through the User Computer (a laptop or desktop PC using proprietary Retül GUI software) and is then transmitted to Vantage hardware as necessary (configuration information or Start/Stop commands). Data from the Vantage hardware is then transmitted back to the User Computer to display results (in this case, 3D coordinates and/or hardware status). Each piece of Vantage hardware has a physical power On/Off switch that completely turns off the hardware (there is no sleep or hibernate mode) except for the USB dongle which derives power from the User Computer's USB port and needs to be unplugged from the port for a complete shutdown.