

The WiFi Bridge allows 802.11 (WLAN) based devices (such as an iPhone or Computer) to send commands to the Prodigy series of wireless motorized bed controllers. Commands sent to the unit over WLAN are re-transmitted to the bed control unit via the built in frequency hopping IEEE 802.15.4 transceiver. The 802.15.4 transceiver is a fully compliant IEEE 802.15.4 system, supporting 250 kbps O-QPSK data in 16 hopping channels from 2405-2480 MHz. The WLAN transceiver in this unit is a fully modular device that has been pre-certified by the module manufacturer.