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**SZ02 General description of operation**

The PS30 consists of "Stick" (PS30-1) and "DONGLE" (PS30-2) units, and is designed to operate with a Personal Computer(PC).

The PS30 provides an RF link, which allows data to pass between the Stick PC.

The Stick and DONGLE are RF units which operate within the 2.400GHz - 2.4835GHz unlicensed frequency band using Direct Sequence Spread Spectrum (DSSS) techniques. This frequency band is designated as an Industrial, Scientific and Medical (ISM) frequency band. Both the Stick and DONGLE units use bi-directional RF communications.

The Stick contains a battery socket, with removable battery compartment. The battery compartment may contain a standard 1.5V AA battery. All the necessary power used by the Stick is supplied by the battery located in the compartment. Note that the Stick does not contain any ability to recharge batteries.

The DONGLE contains a standard USB connectors which allows the DONGLE to be connected to the PC. This connector provide the power supplies necessary to power the DONGLE unit. The supply is nominally 5V.