

Product Description

The device is a one-way messaging (burst) radio transmitter. It transmits 1 watt Direct Conversion, Direct sequence spread spectrum through a 0 dbi printed inverted-F antenna.

The transmitter frequency band is 903.8-926.2 MHz and channel spacing is 400 KHz; i.e. it has 58 channels. The transmitter local oscillator is synthesized using crystal oscillator reference of 15MHz. The modulation technique is SPSP Direct sequence BPSK with a chip rate of 1 Mchip/sec. The PN codes are 255 maximal length sequences.

This device measure the amount of gas that a consumer uses, and transmits the data to a workstation via base-station.