

This device is an integration of two existing products, 1) Landis + Gyr metrology circuit board and 2) Hunt Technologies AirPoint Focus Module circuit board. The AirPoint will read metering data from the meter. The RF transmitter transmits On-Off-Keyed signals, metering data, to compatible Itron receivers. It's transmit frequency is based on a table of fifty preset pseudo-random frequencies, stored in EEPROM. This table ensures that each of the frequencies are used the same number of time.

The frequency synthesizer uses a crystal oscillator circuit as its reference to produce a frequency between 909.586 and 921.773 Mhz, which is turned on and off by the modulator to produce an OOK signal.