



General Radio Specifications

For both Handheld and Basestation

	Version	
	US/Canada	Europe/World
Transmit Frequency	902-928 MHz	433.139-434-543 MHz
Output Power	<1 mWatts	<10 mWatts
Communication	Half-Duplex	Half-Duplex
Frequency Type	Narrow Bandwidth	Narrow Bandwidth
Channel Oscillator Separation	100 KHz	100 KHz
Frequency Generation	Crystal	Crystal
RF Bandwidth	<180 KHz channels	<180 KHz channels
Max. Number of Channels	10 (0-9)	10 (0-9)
Max. Frequency Deviation	<+/- 75 KHz	<+/- 75 KHz
Freq. Error/Stability-New	+/- 10 ppm	+/- 10 ppm
Freq. Error/Stability-With age/temp	+/- 31 ppm	+/- 31 ppm
Data Source	Internal	Internal
Type Transmitted	Data	Data
Type of Modulation	Frequency	Frequency
Mode of Transmission	FFSK	FFSK
Temp. Range (C degrees)	-10 to +50	-10 to +50
Approvals/Standards	US-FCC CFR 47 Part 15 Canada-RSS-210	ETS 300 220-1 ETS 300 683

PowerScan RF Block Diagram

