

7.0 Specifications

Table 2 SmarT HH-x6D Handheld Specifications

Item	Description	
Power	V_{in}	+2.0 V to +3.2 V
	Batteries	Two AAA alkaline
	Auto-shutdown	PTO – three seconds of button inactivity DO and OO – four minutes of button inactivity
	Low Battery Warning	≈2.1 V – batteries should be immediately replaced
	Low Battery Shutdown	≤2.0 V – batteries must be replaced to operate
Environment	Operating Temp	–20° C to 55° C (–4° F to 131° F)
	Storage Temp	–40° C to 55° C (–40° F to 131° F)
	Humidity	0 to 100%
Radio	Frequency	906–924 MHz or 2405–2480 MHz
	RF Power	900 MHz @ 100 mW; 2.4 GHz @ 100 mW
	License	None required
	Modulation	DSSS
	Antenna	Internal
Enclosure	Dimensions	mm: 133 x 67 x 35 Inches: 5.25 x 2.625 x 1.375
	Total Weight	200 g/7.2 oz. (with lanyard)
	Durability	High Impact Polymer case Polycarbonate faceplate Impact absorbing bumper
LED Indicators (6)	TX (Green)	Transmit – Flashes when transmitting message
	RX (Amber)	Receive – Flashes when receiving message
	ER (Red)	Error – Indicates when errors are detected
	BA (Amber)	Low battery – Blinks when batteries should be changed
	A1 (Amber) A2 (Amber)	Auxiliary 1 – Custom use only Auxiliary 2 – Custom use only
Buttons	Two, Four, or Six	Pushbuttons
	Number of Functions	Handheld type dependent
	Style	Push-to-operate
	Button Life	5-million operations (typical)
Umbilical	Not Applicable	
Display	Not Applicable	
Proportional Inputs	Not Applicable	