

## 3.0 Specifications

*Table 4. SmaRT BU-xH1R Base Unit Specifications*

Item	Description
<b>Power</b>	See Appendix A
<b>Environment</b>	<b>Operating Temp</b> -25° C to 60° C (-4° F to 131° F) <b>Storage Temp</b> -40° C to 85° C (-40° F to 185° F) <b>Humidity</b> 0 to 100%
<b>Radio</b>	<b>Frequency</b> 906–924 MHz or 2405–2480 MHz <b>License</b> None required (License Free) <b>Modulation</b> DSSS <b>Antenna</b> Internal or external by device
<b>Enclosure</b>	<b>Dimensions</b> 119 mm x 133 mm x 36 mm (5.24" x 4.69" x 1.42") <b>Durability</b> High Impact Polymer <b>Mounting Holes</b> 7.4 mm (0.29") dia. 102 mm center-to-center (4" center-to-center)
<b>Indicators</b>	<b>CAN RX/TX</b> Indicates CAN traffic: Green – Receive Red – Transmit <b>Out</b> Green – Output Active <b>Health</b> Green – Pulse/sec. OK <b>TX/RX</b> Indicates RF traffic: Green – Receive Red – Transmit <b>Power</b> Yellow – OK Red/Grn – Fault
<b>Outputs</b>	<b>Relays</b> One Form C Three to Five Form A, model-dependent <b>Current</b> 7 A max switching @ 45° C (113° F) for K1 through K5 combined 100 mA min @ 5 VDC 6 A max switching @ 45° C (113° F) for K6
<b>CAN</b>	<b>Protocol</b> SAE J1939