

## SmaRT Base Unit BU-906R

### Features

- ✓ 900MHz Spread Spectrum Technology
- ✓ Six 1 Form C Relay Outputs
- ✓ Dual cable connectors for ease of wiring
- ✓ Diagnostic LED outputs
- ✓ Compact design
- ✓ Weatherproof



The SmaRT Base Unit BU-906R features six 1 Form C relay outputs, each 10A max. The standard BU-906R operates using 115 ( $\pm 20$ )VAC. The BU-906R is also available using 12VDC and 24VDC. All connections are made via dual 12-wire cables using uniquely keyed connectors to guard against cross connection. The rugged weatherproof enclosure allows the unit to operate worry free in harsh weather conditions.

SmaRT base units feature seamless association to a SmaRT™ hand-held unit without the need to open the case. Using Direct Sequence Spread Spectrum (DSSS) wireless technology at 900MHz, the base unit provides a robust link with a SmaRT Hand-Held Remote in congested radio environments.

### Specifications

#### V<sub>in</sub>

<b>BU-906R-INT-120</b>	100–240 VAC @ 47– 440Hz
<b>BU-906R-INT-12V</b>	+12VDC (9V-18V)
<b>BU-906R-INT-24V</b>	+24VDC (18V-36V)
<b>Operating Power</b>	5W max.

#### Enclosure

<b>Dimensions</b>	mm: 133 x 118 x 36 inch: 5.24 x 4.65 x 1.42
<b>Weight</b>	340g (0.75 lbs.)
<b>Durability</b>	High Impact Polymer

#### Environment

<b>T<sub>Operating</sub></b>	-25°C to 60°C (-13°F to 140°F)
<b>T<sub>Storage</sub></b>	-40°C to 85°C (-40°F to 185°F)
<b>Humidity</b>	0 to 100%
<b>Vibration/Shock</b>	IEC60068-2-6 10Hz to 150Hz @ 1.0g peak acceleration 10.0g peak shock acceleration

#### Radio

<b>Frequency</b>	906-924MHz
<b>RF Power</b>	1mW
<b>License</b>	License Free
<b>Modulation</b>	DSSS
<b>Antenna</b>	Internal

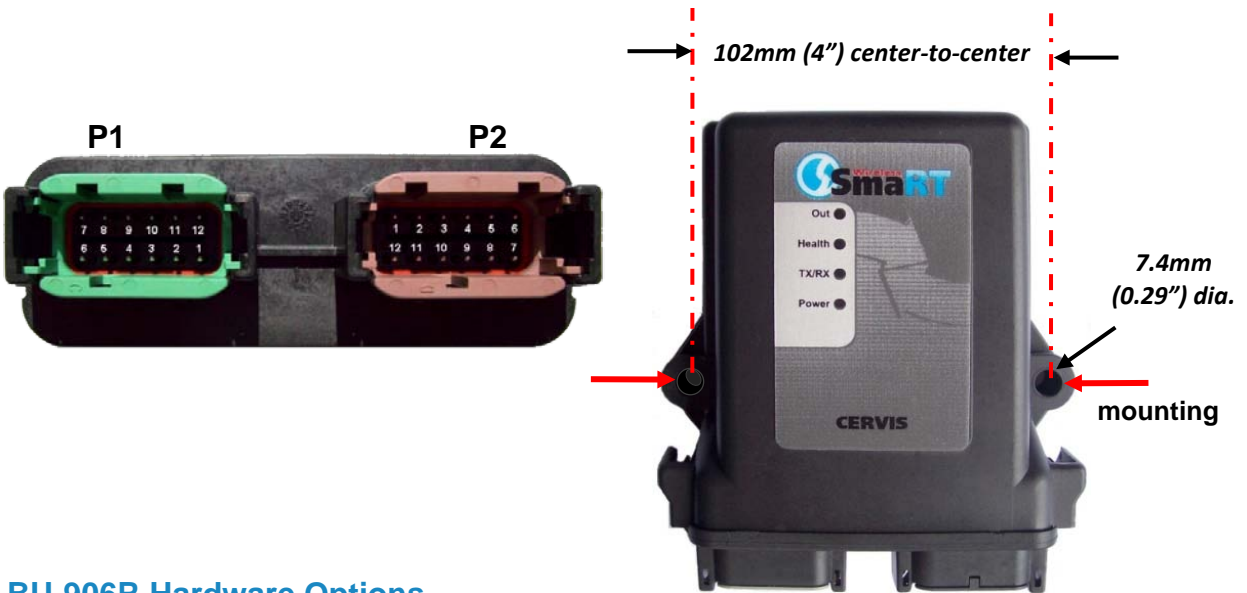
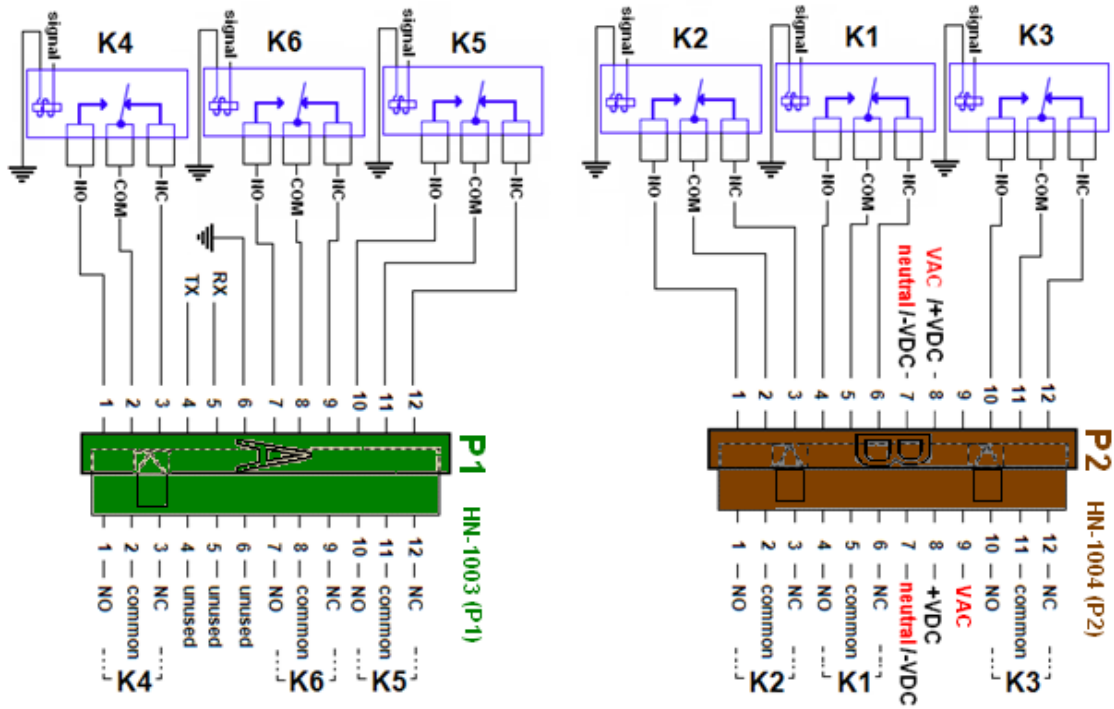
#### LEDs

<b>Out</b>	Green	– Active Output
<b>Health</b>	Green/sec	– OK
<b>TX/RX</b>	Green	– Receive
	Red	– Transmit
<b>Power</b>	Amber	– OK
	Red/Green	– Fault

#### Outputs

<b>Six</b>	Relay, 1 Form C per
	Each output rated for 10A max. switching @ 250VAC/VDC. 100mA min. @ 5VDC.
	Total output – 60A max.

## Cable Wiring and Connection



## BU-906R Hardware Options

Item Ref	Product Identifier	Part Number
120VAC BU-906-R	BU-906R-INT-120-STD	07300500
12VDC BU-906-R	BU-906R-INT-12V-STD	07300502
24VDC BU-906-R	BU-906R-INT-24V-STD	07300503

