

3.0 Specifications

Table 3. SmaRT BU-xH16R Base Unit Specifications

Item	Description	
Power	BU-xH16R-HVU	100–240 VAC @ 47 Hz to 440 Hz, or +120 to +340 VDC
	BU-xH16R-LVD	+7 VDC to +32 VDC
	BU-xH16R-LVA	7 VAC to 28 VAC @ 47 Hz to 62 Hz
	Operating Power	5 W max.
Environment	Operating Temp	–20° C to 70° C (–4° F to 158° F)
	Storage Temp	–40° C to 85° C (–40° F to 185° F)
	Humidity	0 to 100%
Radio	Frequency	2405–2480 MHz
	License	None required (License-Free)
	Modulation	DSSS
	Antenna	Internal
Enclosure	Dimensions	119 mm x 133 mm x 36 mm (5.24" x 4.69" x 1.42")
	Durability	High Impact Polymer
	Mounting Holes	7.4 mm (0.29") dia. 102 mm center-to-center (4" center-to-center)
Indicators	CAN RX/TX	Green – Receive Red – Transmit
	Out	Green – Output On
	Health	Green – pulse/sec. OK
	TX/RX	Green – Receive Red – Transmit
	Power	Yellow – OK Red/Green – Fault
Outputs	Sixteen	Relays, 1 Form A (SPST) per
	Current	Resistive: 5 A at 250 VAC or 30 VDC Inductive: 2 A at 250 VAC or 30 VDC 10 A max per bank with Serial COM 20 A max per bank without Serial COM
	Bank A	Relays K1 – K8
	Bank B	Relays K9 – K16
CAN	Protocol	SAE J1939