

# BU-XH8D

## 2.4GHz @ 100mW or 900MHz @ 10mW

### SMART RECEIVERS

Channel-Hopping DSSS ■ FCC & Industry Canada License-Free ■ Internal or External Antenna

#### POWER

##### VOLTAGE IN

+7 TO +28 VDC

##### OPERATING POWER

1 W NOMINAL

#### ENVIRONMENT

##### OPERATING TEMPERATURE

-40°F TO 158°F (-40°C TO 70°C)

##### STORAGE TEMPERATURE

-40° F TO 185° (-40°C TO 85°C)

##### HUMIDITY

0 TO 100%

##### VIBRATION / SHOCK

IEC60068-2-6

10 HZ TO 150 HZ @ 1.0 G PEAK ACCELERATION

10.0 G PEAK SHOCK ACCELERATION

#### LED INDICATORS (all RED)

- **UNNAMED:** VIN POLARITY REVERSED WHEN LIT STEADY
- **+V1, +V2, +V3:** OK WHEN LIT STEADY
- **1: HEALTH:** (BLINKS ONCE PER SECOND WHEN ACTIVE)
- **2: RF TX:** (FLASHES WHEN ACTIVE)
- **3: RF RX:** (FLASHES WHEN ACTIVE)
- **4: CAN TX:** (FLASHES WHEN ACTIVE)
- **5: CAN RX:** (FLASHES WHEN ACTIVE)
- **6: OUTPUT:** (BLINKS ONCE PER SECOND WHEN ACTIVE)
- **7: INPUT:** (BLINKS ONCE PER SECOND WHEN ACTIVE)
- **8: ERROR:** (SOLID WHEN ACTIVE)

#### INPUTS/OUTPUTS

##### INPUTS

TWO 2-TERMINAL ISOLATED

18-32 VDC (24 V OPTION)

85-220 VAC (120 V OPTION)

##### OUTPUTS (6 OR 8)

OPEN-DRAIN FETS, HIGH-SIDE OR LOW-SIDE SWITCHING

2.5 A MAX. EACH OUTPUT

8 A MAX. TOTAL OUTPUT @ 55° C (131° F)

PWM RANGE: 30 HZ TO 200 HZ

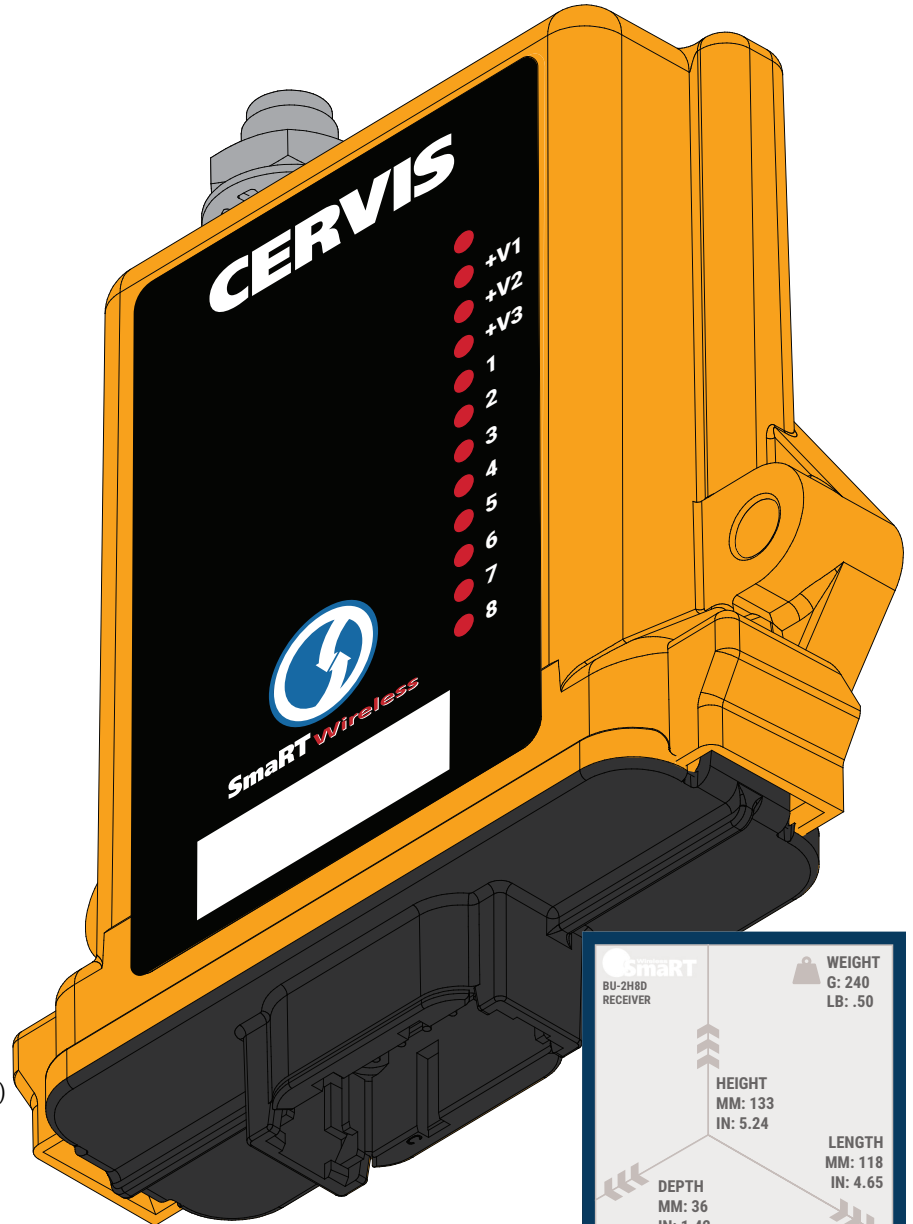
ANALOG (2) 0-10 V/4-20 MA INPUT (M7 AND M8 WHEN CHOSEN)






(OPTIONAL) 0-10 V OUTPUT (M7 AND M8 WHEN CHOSEN)

#### ENCLOSURE

##### DURABILITY

HIGH IMPACT POLYMER ENCLOSURE



 BU-XH8D RECEIVER	 WEIGHT G: 240 LB: .50
 HEIGHT MM: 133 IN: 5.24	 LENGTH MM: 118 IN: 4.65
 DEPTH MM: 36 IN: 1.42	