

# BU-XCAN

## 2.4GHz or 900MHz @ 100mW

### SmaRT RECEIVERS

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

#### POWER

**OPERATING VOLTAGE**  
+9 – 36 VDC

#### ENVIRONMENT

**OPERATING TEMPERATURE**  
-40°F TO 158°F (-40°C TO 70°C)

**STORAGE TEMPERATURE**  
-40°F TO 185°F (-40°C TO 85°C)

**HUMIDITY**  
0 TO 95% NON-CONDENSING

**VIBRATION / SHOCK**  
IEC60068-2-6  
10 HZ TO 150 HZ @ 1.0 G PEAK ACCELERATION  
10.0 G PEAK SHOCK ACCELERATION

#### LED INDICATORS

**CAN1 TX/RX** – ● FLASHING = RECEIVE  
● FLASHING = TRANSMIT

**CAN2 TX/RX** – ● FLASHING = RECEIVE  
● FLASHING = TRANSMIT

**ERR/HEALTH** – ● FLASHING ONCE / SECOND = NORMAL  
● ERROR

**RF TX/RX** – ● RECEIVE  
● TRANSMIT

**POWER** – ● NORMAL  
● / ● POWER ERROR

#### SERIAL COMMUNICATIONS

**ONE:** RS-232 @ 115 KBPS, 8-N-1, NO FLOW CONTROL  
CHARACTER SPACING DELAY > 2 MS

**TWO:** CAN @ 250 KBPS, SAE J1939 HLP (CAN OPEN AVAILABLE)

#### ENCLOSURE

**DURABILITY**  
HIGH IMPACT POLYMER ENCLOSURE

**MOUNTING HOLES**  
2-SETS OF TWO:  
7.4 MM (0.29") DIAMETER HOLES  
102 MM (4") CENTER-TO-CENTER

NOTE: BU-2CAN UNITS ARE INTERNALLY TERMINATED  
AT 120Ω. TERMINATION CAN BE REMOVED  
AT THE FACTORY AND THEN REAPPLIED  
THROUGH A CONNECTION IN THE HARNESS.

