



BF-CAST

Wireless Dual Channel Gas Transmitter

State of the art wireless technology, reliable and proven detection.

FEATURES & BENEFITS

- CSA Certified for Class I, Div.2 Hazardous Locations
- D Cell lithium battery powered for up 9 months Toxic / oxygen and 6 months LEL operation.
- Supports single or dual channel, local or remote Smart Sensors
- Graphic Display shows values, units, trend graph, alarm levels
- Power ON / Power OFF using magnetic wand only
- Non-intrusive, user prompted calibration procedures
- Detected gas transmits on six second intervals
- Reliable Frequency-Hopping Spread Spectrum Technology
- Three adjustable alarm levels per sensor
- Transmits all setup information to the BF-LINK wireless controller
- Available for both 900Mhz an 2.4Ghz



GASES DETECTED

- | | | |
|---------------------|---------------------|--------------------|
| • Ammonia | • Formaldehyde | • Nitric Oxide |
| • Carbon Dioxide | • Hydrogen | • Nitrogen Dioxide |
| • Carbon Monoxide | • Hydrogen Chloride | • Oxygen |
| • Chlorine | • Hydrogen Cyanide | • Ozone |
| • Chlorine Dioxide | • Hydrogen Fluoride | • Phosphine |
| • Combustible Gases | • Hydrogen Sulfide | • Sulfur Dioxide |
| • Ethylene Oxide | • Methyl Mercaptan | • Vinyl Chloride |

*Consult the factory
For other sensors*



BF-CAST Wireless Dual Channel Gas Transmitter

GENERAL SPECIFICATIONS

Temperature Range	Operating: -40°C to +60°C (-40°F to +140°F) Ambient
Temperature Drift	Less than .1% per degree Celsius over ambient temperature
Humidity	Up to 98% non-condensing
Display	Backlit 64 x128 pixel LCD display

ELECTRICAL SPECIFICATIONS

Operating Voltage	3.6 Lithium Ion Battery 19Ah (Optional) 24VDC (10-30)
4 - 20 mA	(Optional) 4-20MA input on external power assembly

WIRELESS SPECIFICATIONS

Radio	License-free 900Mhz or 2.4Ghz frequency-hopping spread spectrum (FHSS) wireless modem with data encryption 900MHz power adjustable from 10mW to 1.0 watt 2.4GHz output set at 50mW or 125mW (US only) Receiver sensitivity typically -100dBm
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MECHANICAL SPECIFICATIONS

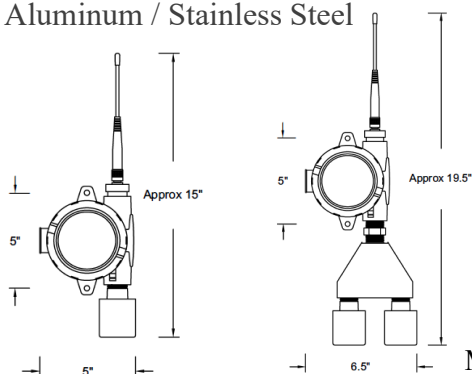
Enclosure Material	Options: Aluminum, Polycarbonate, and Stainless Steel
Transmitter Dimensions	(Aluminum or Stainless Steel) 5" x 5" x 5.05" (Polycarbonate) 4.86" x 4.86" 3.40"
Transmitter Weight (single)	(Aluminum) 4.65 lb (Polycarbonate) 1.45 lb (Stainless Steel) 7.20 lb
Water and Dust	IP66 and IP67
Hazardous Area	(Aluminum or Stainless Steel) CSA, Class 1 Div. 2, Groups A,B,C, & D (Polycarbonate) CSA, Class 1 Div. 2, Groups A,B,C, & D

ACCESSORIES

Calibration Adapter	Part Number: BC10-0203
Splash Guard	Part Number: BT10-0198
3.6 VDC Lithium Ion Battery	Part Number: BWT-5930
"Y" Adapter (for dual sensor)	Part Number: 1AYO-210000-34AL
Sensor Simulator	Part Number: BT10-0514
Antenna	Part Number: BW1000-2189
Magnet Mounting Kit	Part Number: BANML2

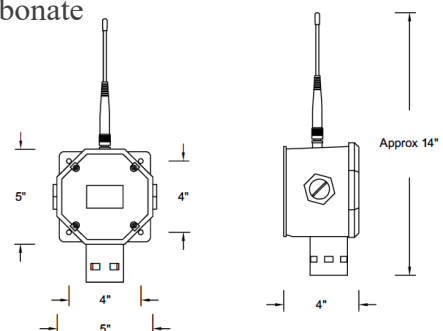
SINGLE / DUAL CONFIGURATIONS

Aluminum / Stainless Steel



SINGLE CONFIGURATION

Polycarbonate



MANUFACTURED IN THE USA.

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