



BF-LINK

Multi-Channel Wireless Controller

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

FEATURES & BENEFITS

- Displays monitored readings and alarms from up to 32 BF-CAST transmitters
- Receives the transmitters parameters from each BF-CAST
- Audible devices can be acknowledged during alarm events
- Large Graphic display for each active channel
- Clock /Calendar time and date stamp for “event log” and data logging
- 900MHz or 2.4GHz radios offered on this platform
- Operates on either 24VDC or 100-240VAC
- Optional RS-232 or RS-485 Serial MODBUS slave port
- Optional data logging with USB interface
- Magnetic non-intrusive interface
- CSA Certified for Class I, Div. 2 Hazardous Locations installations



APPLICATIONS

- Oil and Gas
- Power Generation
- Water & Waste Water
- Chemical Plants
- Cold Storage
- Pulp & Paper

Simplified Setup

Unlike previous generation products that required both the controller and gas transmitters to be individually configured for gas type, engineering units, range and other parameters, the BF-LINK automatically uploads the setup information from each BF-CAST gas transmitter. This reduces the possibility of errors and simplifies initial setup.



BF-LINK Multi-Channel Wireless Controller

GENERAL SPECIFICATIONS

Temperature Range
Display

Operating: -25°C to +50°C (-13°F to +122°F) Ambient
Backlit 128 x 68 pixel LCD display

ELECTRICAL SPECIFICATIONS

Operating Voltage

24 VDC nominal (10 - 30 VDC) @ 10 watts max 100-240 VDC (optional) 50Watt or 120Watt Power supplies

INPUT SPECIFICATIONS

Wireless Controller

Wireless 900 MHz or 2.4 GHz transmissions from up to 32 single channel BF-CAST Transmitters or 16 dual channel BF-CAST Transmitters.

OUTPUT SPECIFICATIONS

Relay Out put

Eight Programmable relays (SPDT 5A@ 30VDC / 240 VAC resistive load.

Digital Output

Optional RS-232 or RS 485 wired MODBUS port
Optional Ethernet port MODBUS or built in web page server
Optional WiFi 802.11 b/g wireless interface with built-in web server
Optional second 900 MHz or 2.4 GHz wireless modem for dedicated Remote communications
Optional data logging with USB interface

Mechanical Specifications

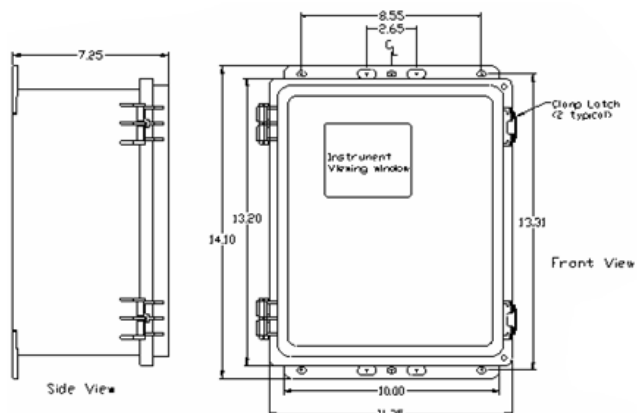
Enclosure Material

Options: Polycarbonate, Stainless Steel, Cast Aluminum
Polycarbonate 11.25" x 13.31" x 7.25"
Stainless Steel 9.84" x 13.65" x 6.2"
Cast Aluminum 13" x 14.25" x 6.25"

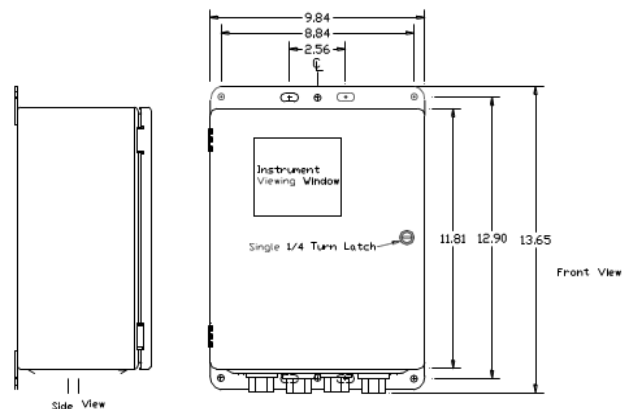
Water and Dust Approvals

NEMA 4X
CSA C22.2 No 1010.1 and C22.2 No.152 for combustibles and ISA S82.02; UL 1604 / C22.2 No 213 (NEMA 4X = Division 2 Groups A,B,C,D, EN55011 and EN61000 (CE Mark)90-12 = NEMA 7 Division 1 Group B,C,D

POLY ENCLOSURE



STAINLESS ENCLOSURE



MANUFACTURED IN THE USA.

DS_BFL-10052017-rev. 1.0