

ELKHART  BRASS

SAFE  FLEET

Driving Safety Forward™



**INDUSTRIAL
FIRE PROTECTION
REDEFINED**

The Elkhart Brass ATEX and IECEx certified remote-control fire protection system

The Elkhart Brass **ATEX and IECEx certified** remote-control fire protection system is designed to provide reliable industrial fire protection solution for Zone 1, Zone 2, Zone 21, Zone 22 classified location applications.

The fully remote controllable solution design enables ease of install and operation and incorporates high quality, system reliability and flexibility required for modern industrial fire protection.



Spitfire Monitor



Control Panel



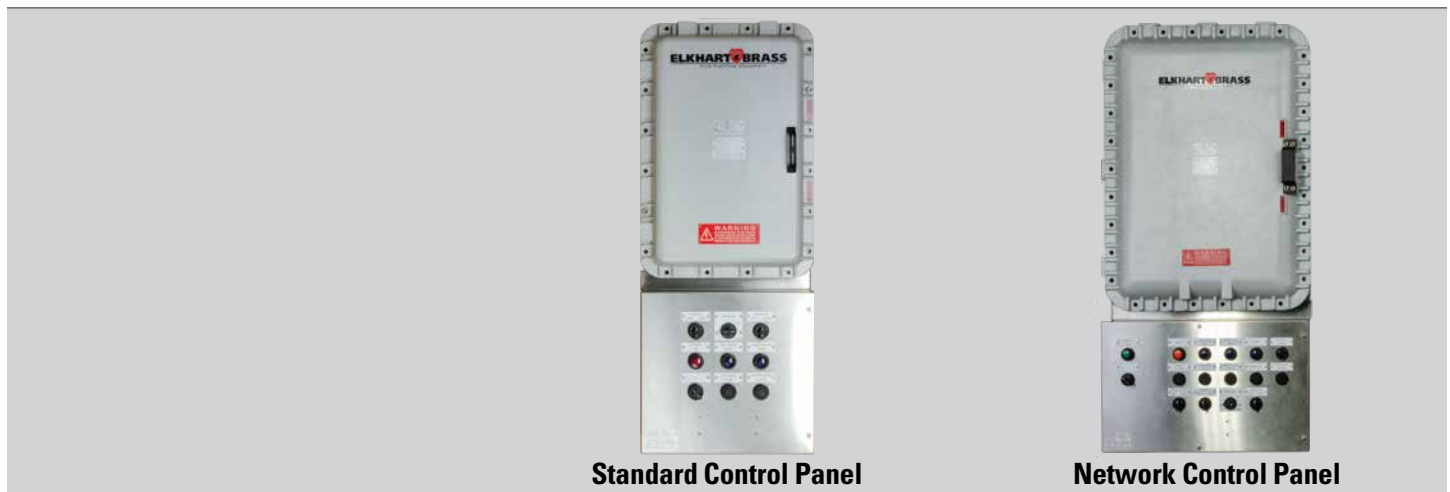
Remote Control Console



Portable Radio Frequency (RF) Control

The new Elkhart Brass ATEX and IECEx remote control system is feature rich and offers the industry most cost efficient and reliable industrial fire protection solution of its class.

- Ex db eb h IICT4 Gb and Ex h tb IICT130°C Db rated
- Up to 7570 LPM (2000 gpm) flow rate
- Up to 91 m (300 ft) stream reach
- 85 Brass monitor construction for corrosive environment and sea water applications
- Ex d flameproof and Ex e increased safety enclosure
- AC synchronous motors operated monitor for heavy duty cycle
- Double-race, brass bearings on vertical and horizontal swivels ensures monitor reliability and durability
- Manual override enables manual control at any time as desired
- Automatic horizontal oscillation.
- Communication with facility fire detection and alarm system enables system activation via fire alarm input. Available with network control panel only.
- Optional touch screen HMI control for operation from 2km (1.2 miles) distance with multi-mode or 20 km (12.4 miles) distance with single-mode fiber optic connection. Available with network control panel only
- Group response enables grouping and activation of group(s) of monitors with input from fire detection system or a panic push button. Available with network control panel only.
- Networkable (available with network control panel only.)
 - Up to 24 nodes per RF Transmitter
 - Up to 24 nodes per system with HMI via ethernet IP
- Ethernet IP network communication protocol enables network communication over facility ethernet network. Available with network control panel only.
- Cat 5e copper or Fiber (multimode or single mode) networking. Available with network control panel only.
- Up to 2 km (1.2 miles) distance between nodes with multi-mode fiber and 20 km (12.4 miles) with single-mode fiber
- Optional portable Radio Frequency (RF) control with up to 305 m (1000 ft) range
- Integration with field devices such as flame and heat detection



	Standard Control Panel	Network Control Panel
PLC based	✘	✓
ATEX Zone 1, Zone 2, Zone 21, Zone 22	✓	✓
IECEx Zone 1, Zone 2, Zone 21, Zone 22	✓	✓
Flameproof [Ex d]	✓	✓
Increased safety [Ex e]	✓	✓
Automatic horizontal oscillation	✘	✓
Integration with field devices such as flame detectors and heat detectors	✘	✓
Integration with facility fire alarm system	✘	✓
Group response	✘	✓
Radio Frequency (RF) Control	✘	✓
Cat 5e copper network	✘	✓
Fiber optic network	✘	✓



Applications

- Oil Refineries
- Oil Rigs
- Petrochemical Processing Plant
- Tank Farms
- Fueling Areas
- Docks
- Coal storage
- Sulfur storage
- Sugar storage
- Chemical processing
- Lumber Mills
- Paper Mills



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