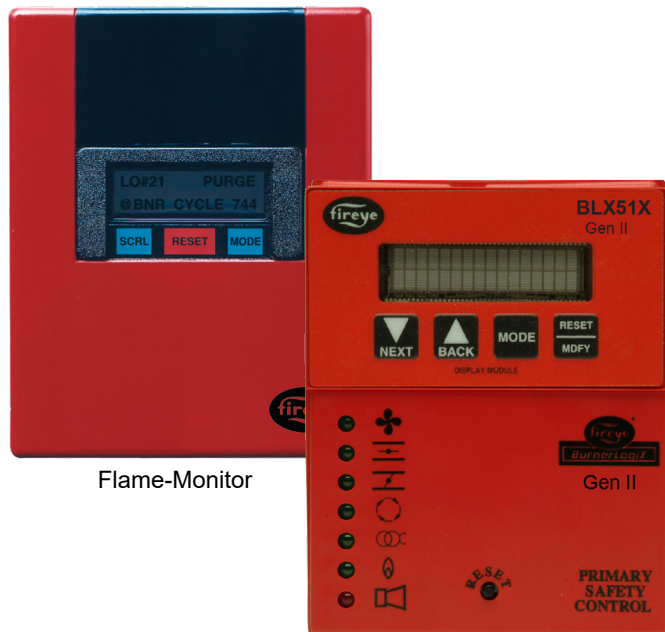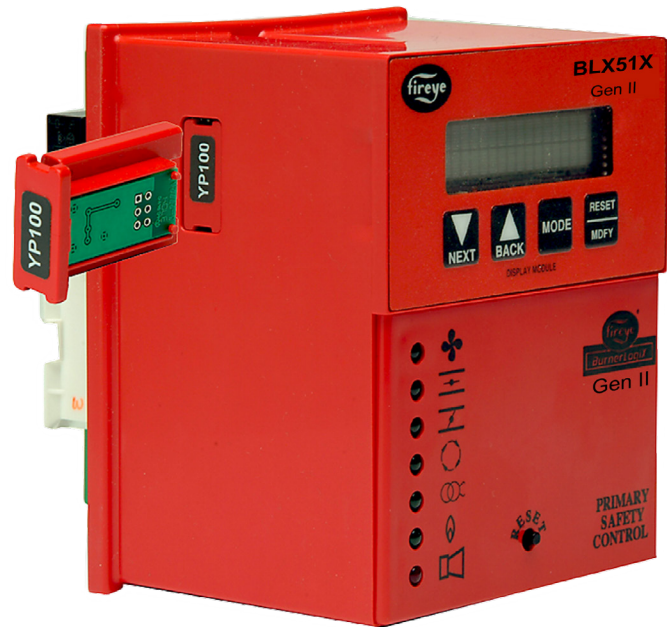# BurnerLogiX®
Flame Safeguard Control

fireye

YB110 & YB230

If the standard was the Flame-Monitor™... then BurnerLogiX exceeds it

Over 30 years ago, Fireye introduced the Flame-Monitor burner control. Since that time our engineers have made many refinements and put those into the newer standard, the BurnerLogiX flame safeguard. Following updated agency certifications and requirements for market demands, Fireye continues to make more reliable, safe and efficient burner controls, up to and in excess of 2.5 MMBtu heat input.

Flame-Monitor

BurnerLogiX
Flame Safeguard Control

BurnerLogiX flame safeguard controls features:

- **NEW!**

  Valve proving and low gas pressure functionality
- Smaller footprint that saves space
- Bright vacuum fluorescent display
- Smart LEDs for status and diagnostics
- Keypad configurable parameters
- Expanded keypad functions
- Built-in language selection
- Plug-in programmer modules
- Expanded programmer functions
- Din rail mount
- Enhanced communications
- International approvals (some models)

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BurnerLogiX® Flame Safeguard Control

BurnerLogiX primary safety controls provide full function to basic control for all application needs. BurnerLogiX is a small and compact package filled with big features and huge benefits.

Features

- Keypad configured parameters
- Bright vacuum fluorescent display
- NEMA display mounting
- Smart LEDs provide status and lockout codes
- Keypad selectable languages
- Smaller size than E110
- Din rail mounting
- Terminal block style wiring base
- Fuel valve proof of closure during standby and startup
- Enhanced communications, adjustable baud rates
- 4-20 mA test jack signal
- Additional inputs and outputs

Benefits

- Fewer programmer modules to inventory
- Variable parameters help resolve all applications
- Reduced downtime, pinpoint diagnostics
- Cabinet mounting space reduced by 40% to 50%
- Added safety during idle or off periods
- Easily adapts into most building management systems
- Improved turndown control from Plant Master

Differentiators

Size	Footprint reduced to 28 in^2 to 40 in^2 with terminal block wiring base
Display	LCD: expanded cold temperature to -25°C OLED: increased brightness, operates to -40°C
Expanded Keypad	Forward and reverse keys simplifies parameter selection
Smart LEDs	Provides status and lockout codes
Keypad Configurable Parameters	Reduced inventory
Terminal Block Wiring Base	Allows testing with control installed
Other	4-20 mA test jack signal Proof of closure during standby Able to provide YP138 function Additional inputs Additional output for secondary valve, igniter, etc Adjustable baud rates for modbus communications

For more information, please contact your local Fireye Distributor.

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