Lichfield Fire & Safety Equipment Co. Ltd.

LIFECO ROBIN
Conventional Fire Alarm System
The LF-6100A Series intelligent fire alarm control panel is a microprocessor-based advanced detection and protection system. It adopts the use of multi-line LCD screen for ease of viewing of events and controls, RTOS (Real Time Operating System) for real-time monitoring and displaying events, and a graphical display for user-friendly menu and control operation as well as ease of identifying information being sent by field devices to the Fire Alarm controller. An RS-485 BUS provides communication line to the panel network, while the COMM port line interface allows convenience of programming via PC. The LIFECO configuration utility is a Windows-based software interface that provides the installer to access installation programming. The panel will support up to 127 devices per loop. The LF-6100A design is widely applies to all kinds of industrial and commercial constructions with its high reliability and ease of installation and configuration.

FIRE ALARM CONTROL PANEL
LF-6100A Series

- 1, 2 & 4 Intelligent Detection Circuits
- Closed Loop Design (Class A Wiring)
- Microprocessor Based System
- Intelligent Distributed System Structure
- Quick Response Time - Fire Alarm in <1 Second
- Up to 127 Devices per Loop
- Dynamic Supervision
- Fully Field Programmable
- 5” LCD Display - 320x240 DPI Resolution
- 21 Key User Friendly Control Switches
- 15 LED Status Indicators
- Menu Driver Functions
- Up to 5 Secure and Independent Module Control Function
- RS485 Communication For Fire Repeater Display Panel
- CAN Bus Communication for networking
- Laptop Programming
- 3 Level System Password Protection
- Logic Controlled Output Functions
- Circular History Event Flash Memory Storage
- High Performance at Low Cost
- Wall Mount Enclosures
- With printer / Without printer
- All spare parts are available

REPEATER PANEL
LF-6150

- 1000 Point Address Monitoring
- LCD Screen Display
- Up to 30 Repeater Panel per System
- Easy Installation (Wall Mounting)
- LED Status Indicators
- Internal Sounder with Silence Button for Event Notification
- Small Size
- User-friendly
- 4 Wire connection
INTELLIGENT HEAT DETECTOR
LF-HD-6102

- Low Profile Design
- Fixed Point Type
- Equipped with CPU Central Processor
- 2-wire non polarity design
- Electric Heat Thermistor
- Automatic Judge Fire Alarm
- ALARM FIRST – Less than 1 second
- High Performance at Low Cost
- Twist Lock Base
- Provision for Remote LED Indicator
- Use LF-DP-6190 for device addressing

INTELLIGENT PHOTO-ELECTRIC SMOKE DETECTOR
LF-PE-6101

- Low Profile Design
- Built-in CPU
- Specialized Smoke Chamber Design
- Auto Analysis
- Dynamic Automatic Compensation
- High Veracity of Fire Judgement
- ALARM FIRST! – Less than 1 second
- Data transfer Speed and Reliability
- 2-wire non polarity design
- High Performance at Low Cost
- Twist Lock Base
- Provision for Remote LED Indicator
- Use LF-DP-6190 for device addressing

INTELLIGENT COMBINED SMOKE & HEAT DETECTOR
LF-PHD-6110

- Low Profile Design
- Built-in CPU
- Specialized Smoke Chamber Design
- Electronic Heat Thermistor
- Auto Analysis
- Dynamic Automatic Compensation
- High Veracity of Fire Judgement
- ALARM FIRST! – Less than 1 second
- Data transfer Speed and Reliability
- 2-wire non polarity design
- High Performance at Low Cost
- Twist Lock Base
- Provision for Remote LED Indicator
- Use LF-DP-6190 for Device Coding
DETECTOR ISOLATING BASE
LF-DB-LI

**FEATURES**
- Loop Powered
- Polarity Sensitive
- Isolates Short Circuit faults and spurs
- Red LED Indicator

INTELLIGENT FLAME DETECTOR
LF-FD-6104

**FEATURES**
- Low Profile Design
- Sensitive Ultraviolet Sensor
- Equipped with CPU Central Processor
- LED Indicator
- Polarized Wiring
- ALARM FIRST! Less than 1 Second
- High Performance at Low Cost
- Dust, Corrosion and Humidity Resistant
- Twist Lock Base
- Use LF-DP-6190 for device addressing

CONVENTIONAL ZONE INTERFACE
LF-CDI-6107

**FEATURES**
- Low Profile Design
- Built in CPU
- Interfaces Conventional Series Devices
- ALARM FIRST! Less than 1 Second
- Up to 20 Conventional Devices per Module
- Data Transfer Speed and Reliability
- Polarized Wiring
- LED Status Indicator
- High Performance at Low Cost
- Four Wire System
- EMI and RFI Resistant
- Use LF-DP-6190 for device addressing
REMOTE CONTROL MODULE
LF-CSW-6154

**FEATURES**
- Totally Independent from Main Controller
- Low Profile Design
- Fast and Accurate Response Time
- Feedback Monitoring
- Selectable Normally Open or Close Contact Input
- Polarized Wiring
- High Performance at Low Cost

SHORT CIRCUIT ISOLATOR
LF-LI-6190

**FEATURES**
- Low Profile Design
- Built in CPU
- Self-restoring
- Up to 50 Addressable Devices per Isolator
- Data Transfer Speed and Reliability
- Polarized Wiring
- LED Status Indicators
- High Performance at Low Cost
- Two Wire System

RELAY OUTPUT MODULE
LF-RM-6106

**FEATURES**
- Low Profile Design
- Built-in CPU
- Fast and Accurate Response Time
- Feedback Monitoring
- Data Transfer Speed and Reliability
- Polarized Wiring
- LED Status Indicators
- Two Wire System
- Use LF-DP-6190 for device addressing

SIGNAL INPUT MODULE
LF-LI-6105

**FEATURES**
- Low Profile Design
- Built-in CPU
- Interfaces Normally Open Dry Contact
- Feedback Monitoring
- Data Transfer Speed and Reliability
- Polarized Wiring
- LED Status Indicators
- Two Wire System
- Use LF-DP-6190 for device addressing
ADDRESSABLE SIREN WITH FLASHER
LF-AV-6126

FEATURES
- Low current consumption
- Built-in CPU
- Addressable Output Device
- Output Audio and Visual Alarm signal simultaneously
- Automatic or Manual Activation
- Data Transfer Speed and Reliability
- Lower Installation and Operating Cost
- Wall Mounted Type
- Four Wire Operation
- Use LF-DP-190 for device addressing

ADDRESSABLE MANUAL CALL POINT
LF-MCP-6103

FEATURES
- Built-in CPU
- ALARM FIRST! Less than 1 second
- Data Transfer Speed and Reliability
- LED Status and Alarm Indicator
- Easy Operation – Push to Activate
- Resettable Type
- Durable Design
- High Performance at Low Cost
- Two Wire Operation
- Use LF-DP-6190 for Device Addressing
- Use LF-MB-6103 for Mounting Base