

IP Fire Series™ Intelligent Fire Controls

Description

The IP Fire Series™ from AsBuilt™ Engineered Systems is a revolutionary IP-based fire control network consisting of a series of addressable control modules that can be distributed throughout any type of facility.

No central processing unit is required. Core modules connect to other core modules to form the fire protection system. With no single point of failure, distributed modules provide the greatest degree of scalability, survivability and building protection. True distributed architecture ensures reliable and timely response times.

Any module failure(s) will not impact the operation or timely response of any of the remaining modules. Modules that become severed from the IP Fire™ control system will operate independently to provide the highest degree of system survivability. Upon rejoining the system, a previously severed module(s) will automatically synchronize its data and current status with all other connected modules without the need for human intervention.

Each module identifies itself by maintaining a unique private IP address and communicates with other modules via Ethernet connections at 100Mb/s for secure, reliable and instantaneous transmission of system events regardless of system size.

System modules and remote cabinetry combine to provide a broad array of distributed system configurations for the ultimate in system design flexibility to best meet the specific design requirements of the protected facility.

The IP Fire Series™ offers standard features such as programmable soft keys, group or zone programming, Boolean logic programming, coded signaling, Positive Alarm Sequence, signal silence delay/automatic restart, drift compensation, day/night sensitivity settings, synchronized strobes, silence horns only, device or group walk-test, device or group by-pass, 3 amp NAC circuits and more.

Advanced features such as a 3000 event history log per module, ¼ VGA graphical user displays, USB enabled keyboards, USB upload/download from a USB mass storage device and self-healing networks all come standard.

IP Fire Series™ systems feature SmokeClear™ to report when smoke has cleared the chamber of any detection device. This information is reported to the panel and recorded in the history log allowing first responders to determine the length of time that smoke was present at any given location when evaluating conditions upon arrival. SmokeClear™ will also put a notification on the system when pull stations have been reset signaling that the IP Fire™ system can be reset.

IP Fire™ controls utilize two of the most advanced detection technologies available anywhere. The sleek XP line provides a constant stream of information to the IPF system for analysis and action. The XP line offers Photo, Ion, Thermal and Multisensor detectors. The Thermal detectors are field adjustable in 1 degree increments for precise monitoring requirements. See Data Sheets 2300 and 2305 for more information.




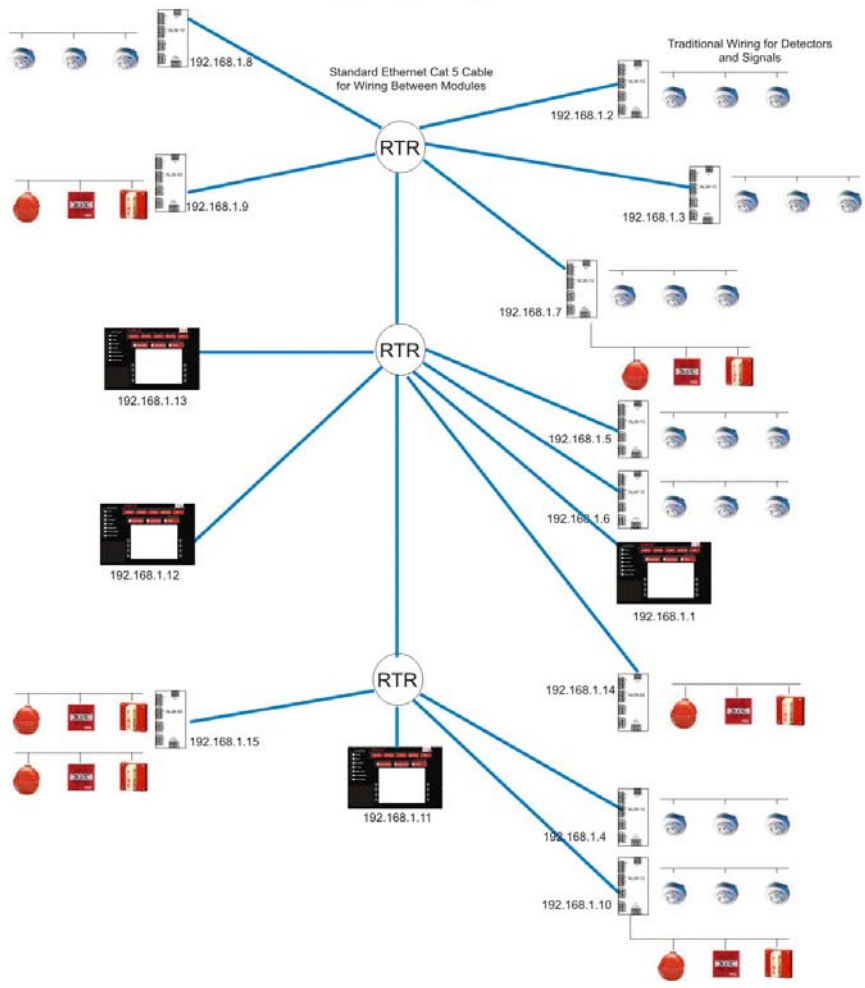
Features

- **No central control panel**
- **IP addressing protocol provides error free module identification**
- **Ethernet Communication between module (new or existing)**
- **Separated modules operate independently and automatically form sub-networks**
- **Reconnected modules automatically synchronize event data with all system modules**
- **Modules may be located using a best fit distribution methodology**
- **SmokeClear™ alert signals when smoke has cleared detector chamber**
- **3000 event history log per module**
- **Distributed processing**
- **Distributed intelligence**
- **On board USB ports**
- **XP and Discovery detectors**
- **Programmable soft keys**
- **¼ VGA Graphical Display**
- **Groups/Zones control-by-event**
- **Boolean Logic control-by-event**
- **Coded signaling**
- **3A NAC circuits**
- **100Mb/s communication**
- **Secure detector addressing**
- **Green/RoHS Compliant**

Listings

UL File: S24573
CSFM: Pending
MEA: Pending


Product	Data Sheet Number	Rev/Revision Date	
IPF Series™ Intelligent Fire Controls	1000	1.3/ 5/1/2009	



IP Fire Series™ Distributed Control Equipment and Support are available from AsBuilt™ Engineered Systems, Inc. through the Authorized AsBuilt™ Distributor Below:



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