

INTELLIGENT FIRE CONTROL PANELS

IFC2-640



Flexibility to suit
your needs

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As an essential component of every facility, your fire detection and alarm system should suit your exact needs. That's why the Johnson Controls IFC2-640 is designed with modularity and ease of system planning in mind. Whether your facility simply requires a stand-alone or a medium-to-large system or a large integrated network, the IFC2-640 is flexible enough to suit most applications.

Not only is the IFC2-640 versatile, it provides valuable features that reduce installation time, improve ease-of-use for the operator, and ultimately increase safety in your facility.

- Fully scaleable system
- Easy to use
- Reduced installation time
- Increased safety
- UL 9th edition listed

Panel Capabilities

- Supports up to 636 intelligent, addressable devices
- Supports one to two Signaling Line Circuits (SLC) with up to 159 detectors and 159 modules per loop
- Multiple annunciation options provide the type of information and control you need
- FlashScan® fully digital, high-precision protocol, intelligent detectors improve fire protection and reduce maintenance costs
- Network compatible with existing IFC installations
- Autoprogram feature provides immediate fire protection in new installations
- Multiple programming options make on-site or off-site programming and editing fast and easy
- Network option supports IFC-320, IFC-640, IFC2-640, IFC-1010, IFC-2020, IFC-3030, IFC2-3030, JNCA and JNCA-2 Network Annunciators, and Intelligent Fire Workstation using wire or fiber
- Seamless integration to the Metasys® building management system and others using industry standard BACnet™ protocol
- Flash memory eliminates need to change EPROMs
- Built-in Degraded Mode capable of general alarms even if CPU fails
- Voice and telephone features available via networked DVC: Eight channels of high quality, digital audio used for emergency paging and simultaneous broadcasting of multiple messages; standard or customizable audio files; five channels of firefighter telephone; 50- or 75-watt amplifiers with four outputs per amplifier
- Releasing features: 10 independent hazards, sophisticated cross zone, delay timer and discharge timers, abort (four options), low-pressure CO2 listed

- Automatic detector test
- Detector maintenance alert
- 800-event capacity in non-volatile memory, plus 200-event alarm-only file
- Powerful Boolean logic equations
- Johnson Controls Web Server (JWS-2): Optional web-based device that acts as an HTML server that allows remote access to the IFC Network via the Internet or an Intranet. User can view the history of a fire alarm control panel (FACP), event status, device properties, and other information based on pre-defined access permissions. All data available is a "snapshot" of the data on the IFC Network at the time the browser requested the information.

Advanced Detection Capabilities

- Very Intelligent Early Warning (VIEW®) Smoke detection technology
- Acclimate Plus™ low-profile multi-sensor automatically adjusts sensitivity levels without operator intervention or programming
- Advanced Multi-Criteria Fire Detector combines four detection methods, (Photoelectric, Carbon monoxide, Infrared and Heat)
- Multi-color LEDs blink the device address during Walk Test



Advanced detection products that meet a variety of environmental conditions.

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