FEATURES

- ✓ VeriFire Tools non-proprietary on/offline program, test and reporting PC software
- ✓ Non-propriety PC-based programming suite
- ✓ Global software/firmware download ability
- ✓ Up to 159 detectors and 159 modules per loop
- ✓ 1 to 10 loops
- ✓ History file with 4000-event capacity
- ✓ Alarm Verification Facility (AVF)
- ✓ Auto-programming and Walk Test reports
- ✓ Remote Silence, System Reset, Evacuate via monitor modules
- ✓ Dual risk operation - from three risk inputs
- ✓ Optional Pyrozone interface module

DISPLAY FEATURES

- ✓ **Large LCD Display:** 640 characters (16 lines x 40 characters) with long-life LED backlight
- ✓ **Program Keyboard:** full QWERTY keypad for field programmability
- ✓ **User Control:** Up to nine users, each with a password and selectable access levels
- ✓ **LED Indicators:** Fire; Pre-Alarm; Fault; Disable; Supervisory; Other Event; System Fault; Alarm Routing; Equipment Status; Alarm Devices Status; Smoke Control Status; Controls Active
- ✓ **Membrane Switch Controls:** Silence Buzzer; Silence/Re-sound Alarm; Scroll Alarms; Reset; Disable

PRODUCT DESCRIPTION

The AFP-3030 is an intelligent Fire Alarm Control Panel (FACP) with a flexible and scalable architecture which makes it suitable for virtually any application including large scale networked facilities. Fire emergency detection and evacuation are extremely critical to life safety, and the AFP-3030 is ideally suited for these applications.

The AFP-3030-G provides reliable fire detection and protection for commercial, industrial and institutional buildings requiring extinguishing agent-based releasing.

The standard panel is equipped with 1 addressable loop and incorporates one Extinguishing Agent Release zone module. The module provides for connection of visual warning devices and Local Control Stations (LCS). The system can be configured for either single or dual activation (double interlock) prior to release.

FLASHSCAN® INTELLIGENT FEATURES

✓ Polls up to 318 devices on each loop in less than two seconds
✓ Activates up to 159 outputs in less than five seconds
✓ Multicolour LEDs blink device address during Walk Test
✓ Fully digital, high-precision protocol
✓ Manual sensitivity adjustment – up to nine levels
✓ Pre-alarm intelligent sensing – up to nine levels
✓ Drift compensation
✓ Multi-detector algorithm involves nearby detectors in alarm decision
✓ Automatic detector sensitivity testing
✓ Maintenance alert (two levels)
✓ Self-optimizing pre-alarm
✓ Programmable activation of sounder/relay bases during alarm or pre-alarm
✓ Read Status displays the level of detector cleanliness
✓ Support for compliant smoke control with SCS series smoke control system

TECHNICAL SPECIFICATIONS

System Capacity	**Intelligent Signaling Line Circuits** – 1 expandable to 10 **Intelligent Detectors** – 159 per SLC **Addressable monitor/control modules** – 159 per SLC **Programmable software zones** – over 2,000 **ACS annunciators per CPU** – 32 address x 64 or 96 points *Note: The CPU2-3030AU can support up to 96 annunciator address points per ACM-24AT/48A*
Primary Input Power	**NPS-11CHS Fitted** – 240VAC, 1.5A, 50Hz **Input Fuse** – 2=M205 8.0A, 250VAC
Battery	Two 12V Sealed Lead-Acid batteries
Battery Charger Capacity	7AH-85AH (CAB650/CAB900 enclosures hold a maximum of two 33AH batteries)
Current draw (Standby/Alarm)	**AFP-3030 (with display):** 0.205A/0.225A **AFP-3030 (without display):** 0.140A/0.150A **N-LCM:** 0.130 A **N-LEM:** 0.100A *Note: See AFP-3030 Manual #DOC-01-031 for a complete current draw calculation sheet and details of input/output values*
Enclosure Specifications	**CAB650:** 650mm H x 450mm W x 190mm D **CAB900:** 900mm H x 450mm W x 190mm D **CAB-650-BB:** 250mm H x 450mm W x 190mm D All cabinets are powder-coated black fine sand – RAL9005
Operating Temperature	Meets AS requirements at 0 - 49ºC
Relative Humidity	93% ± 2%
Inputs	Risk 1, Risk 2, Risk 3 (optional), Fault/Isolate, BGA (LCS), Stop (LCS), Master Isolate / Maintenance (LCS), Pressure Switch, Lock Off Valve, Lamp Test

PANEL ORDERING INFORMATION

3030-650-11A-G	3030 Extinguishing Agent Release Panel, 1 loop, PS-11, one release module 650 CAB
3030-900-11A-G	3030 Extinguishing Agent Release Panel, 1 loop, PS-11, one release module 900 CAB

ADDITIONAL PARTS

N-ACM-8RA	Relay module which provides eight individually configurable (C/NO/NC) relay contacts
3030-SCS-8A	Smoke control annunciator
3030-SCE-8A	Smoke control annunciator (expander)
3030-AEM-24AT	Expansion annunciator 24 buttons, 48 LED indications
3030-AEM-48A	Annunciator (expander) 48 x LED indications
3030-DISP	Keypad & display; includes 640 character backlit LCD display, QWERTY programming and control keyboard
3030-CPU2	AFP-3030 CPU including field interfaces
N-LCM	Loop control module; supports up to 5 x LCMs & 5 x LEM expanders
N-LEM	Loop expander module; expands an LCM
CAB-650-BB-BK	Black battery box to suit 650 cabinet panel. Space for 45AH batteries.

OUTPUTS

Gas / Discharge	Clean Contact	Max 1A
First Alarm	Clean Contact	Max 1A
Second Alarm	Clean Contact	Max 1A
System Fault	Clean Contact	Max 1A
Auto/Manual	Clean Contact	Max 1A
Extinguishing Agent (Gas Head)	Power Output	Max 5A with fuse F1
Warning Sign	Power Output	Max 5A with fuse F4
ACF	Power Output	Max 5A with fuse F5
DNE Sign	Power Output	Max 5A with fuse F6
System Inoperative Sign	Power Output	Max 5A with fuse F7

APPLICATIONS

Universities, high rise buildings, corporate campuses, industrial facilities, chemical plants, mass transit hubs, sports arenas, government complexes.

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NETWORKING OPTIONS

3030-NCA2	Network Control Annunciator, 640 characters. An alternate primary display for the 3030-CPU2 can be provided by the 3030-NCA2 or ONYXWorks®. On network systems, the NCA-2 connects to a standard NCM or HS-NCM.
N-NCM-W, NCM-F	Standard network communication modules.
N-HS-NCM-W-2, N-HS-NCM-MF, N-HS-NCM-SF, N-HS-NCM-W-MF-2, N-HS-NCM-W-SF-2, N-HS-NCM-MF-SF	High speed network communication modules that can connect to two nodes. Wire, single-mode fibre, multi-mode fibre & media conversion modules are also available.
ONYXWorks®	Graphics PC workstation, ONYXWorks® GUI software & computer hardware.
N-WEB	NOTI•FIRE•NET™ Web Server
N-BACNET	BacNet Gateway - requires NCM
N-MODBUS	Modbus Gateway (outbound) - requires NCM

APPROVALS

- ✓ SSL approved to AS7240.2:2004, AS7240.4:2004, AS4428.3:2010
- ✓ ActivFire certified - Listing No. afp-2976