

FEATURES

- ✓ VeriFire Tools non-proprietary on/offline program, test and reporting PC software
- ✓ Non-proprietary PC-based programming suite
- ✓ Global software/firmware download ability
- ✓ Network up to 200 nodes with high-speed NOTI-FIRE-NET™
- ✓ Up to 159 detectors and 159 modules per loop
- ✓ 1 to 10 loops
- ✓ Weekly Occupancy Scheduled sensitivity change
- ✓ History file with 4000-event capacity
- ✓ Alarm Verification Facility (AVF)
- ✓ Auto-programming and Walk Test reports
- ✓ Remote Silence, System Reset, Evacuate via monitor modules



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 supports up to 3,180 intelligent addressable devices per panel across ten SLC loops and is networkable up to 200 nodes.

A host of other options are available, including single or multichannel voice; LED, LCD, or PC-based graphic annunciators; networking; advanced detection products for challenging environments, and many additional options.

VOICE EVACUATION FEATURES

- ✓ Up to eight channels of digital audio when using DVC
- ✓ 50W digital amplifiers (DAA2 series)
- ✓ Solid state message generation
- ✓ Hard-wired voice control module options
- ✓ Backup tone generator and amplifier option

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

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|-------------------------------------|--|
| 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 <i>Note: The CPU2-3030AU can support up to 96 annunciator address points per ACM-24AT/48A</i> |
| Primary Input Power | NPS-5CHS Fitted – 240VAC, 0.8A, 50Hz 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 <i>Note: See AFP-3030 Manual #DOC-01-031 for a complete current draw calculation sheet and details of input/output values</i> |
| Enclosure Specifications | CAB650: 650mm H x 450mm W x 190mm D CAB900: 900mm H x 450mm W x 190mm D CAB650/BB: 245mm H x 450mm W x 190mm D 18U: 887mm H x 610mm W x 285mm D 28U: 1330mm H x 610mm W x 375mm D 40U: 1865mm H x 610mm W x 375mm D 18U/BB: 443mm H x 610mm W x 285mm D 28U/BB: 440mm H x 610mm W x 380mm D All cabinets are powder-coated black fine sand – RAL9005 |
| Operating Temperature | Meets AS requirements at 0 - 49°C |
| Relative Humidity | 93% ± 2% |

PANEL ORDERING INFORMATION

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|--------------------|---|
| 3030-650-5A | 3030 1 loop, PS-5, display in 650 window cabinet |
| 3030-650-5A-30WDA2 | 3030 1 loop, PS-5, display in 650 window cabinet with 30W DA2 OWS & mic |
| 3030-650-11A | 3030 1 loop, PS-11, display in 650 window cabinet |
| 3030-900-5A | 3030 1 loop, PS-5, display in 900 window cabinet |
| 3030-900-11A | 3030 1 loop, PS-11, display in 900 window cabinet |
| 3030-18U-11A | 3030 1 loop, PS-11, display in 18U window cabinet |
| 3030-28U-11A | 3030 1 loop, PS-11, display in 28U window cabinet |
| 3030-40U-11A | 3030 1 loop, PS-11, display in 40U window cabinet |

ADDITIONAL PARTS

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|---------------|---|
| 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. |
| 3030-BB-18U | Black battery box to suit 18U fire panel. Space for 55AH batteries. |
| 3030-BB-28U | Black battery box to suit 28U or 40U fire panel. Space for 100AH batteries. |

APPLICATIONS

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

APPROVALS

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

NETWORKING OPTIONS

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| 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 |

AFP-3030 CONNECTION OVERVIEW

