

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

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 max 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 complete current draw.</i>
IP30 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
IP51 Enclosure Specifications	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: 300mm 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 (65 microns). 1.2mm Zinc sealed
Operating Temperature	Meets AS requirements at 0 - 49°C
Relative Humidity	93% ± 2%

PANEL ORDERING INFORMATION

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

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.
BI-ARE-C	Interface to suit centaur I or II (not cube)
BI-ARE-CR	Interface to suit code red, almos (shallow)
BI-ARE-R	Interface to suit romteck almos (deep) and centaur II cube

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

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

AFP-3030 CONNECTION OVERVIEW

