AFC Series /

Addressable Fire Alarm Systems

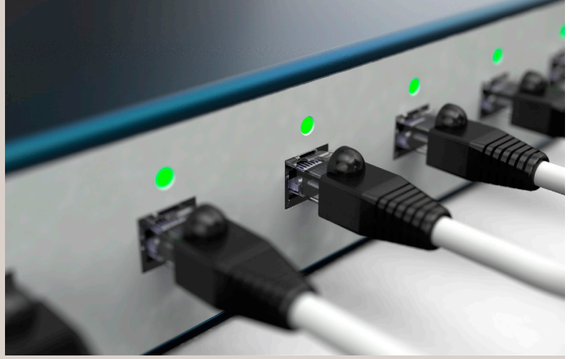
POTTER
The Symbol of Protection

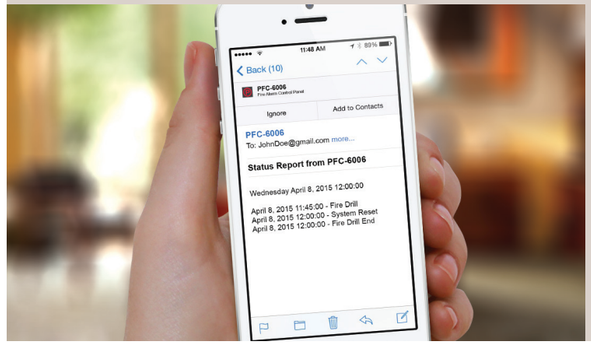
ASSEMBLED IN THE USA

IP Connectivity /

With today's ever-expanding means of communication, it's important to be able to incorporate the same technology into your fire control system. We took this technology into account when we designed IP connectivity within our new panels.

By eliminating the cost of phone lines, save big when using your building's existing network infrastructure. Additionally, the speed of IP communication allows for event information to be sent to the central station within seconds. Every Potter IP-enabled fire alarm system has an on board IP communicator that is listed to communicate with the SurGard III IP receiver.

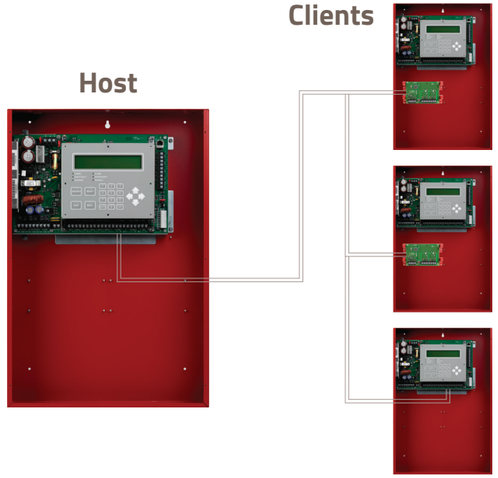




Email & Reminders /

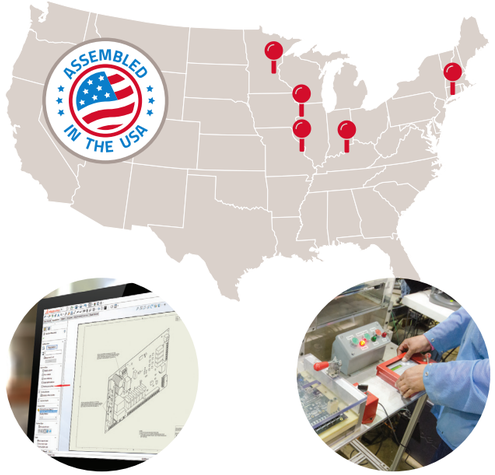
Potter IP-enabled fire alarm systems are email ready. History and Detector Status reports can be sent on demand as either a text or Excel® file for a professional look. The status events of the panel can be immediately emailed allowing users to be proactive in servicing customers.

Reports and the configuration file can be requested from the panel at any time by sending an email directly to the panel. Additionally, enhance your business by creating email reminders for your customers to schedule system tests or even to purchase new batteries.



Multi-Connect /

The MC-1000 Multi-Connect Module allows up to 62 client fire panels to communicate with a remote/central station through a single control panel designated as the host. This can eliminate the need for multiple phone lines and monitoring accounts. Each MC-1000 module includes terminal connections for two client panels.



Designed & Assembled in the USA /

Potter prides itself on offering a full line of fire alarm equipment assembled in St. Louis, Missouri and Branford, Connecticut. With engineering teams located in Maple Grove, Minnesota; Moline, Illinois; and Louisville, Kentucky; Potter continues to provide the latest innovations direct from America's heartland.

PotterNet Graphical Software /

The PotterNet Fire and Facility Supervising Station is a desktop application that facilitates the monitoring and control of IPA, AFC/ARC, and PFC-4064 fire alarm control panels. It utilizes a distributed client-server model for communication in order to reduce or eliminate single points of failure.

Available in both UL and non-UL Listed versions, PotterNet will monitor all compatible panels in a single building, on a local campus, or across multiple sites worldwide. Configurations with as many as 1,000 panels and 15 graphical PotterNet stations can address your largest system needs.

Learn more by visiting:

*pttr.us/**PotterNet***

IntelliView /

Monitors your fire panel or nitrogen generator from anywhere in the world with industry leading smart features. Potter fire panels report all system statuses instantaneously. Any point can be accessed to deliver status and programmed settings. This enables users to quickly respond to system emergencies or maintenance needs.

Learn more by visiting:

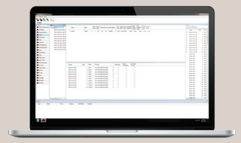
*pttr.us/**intelliview***

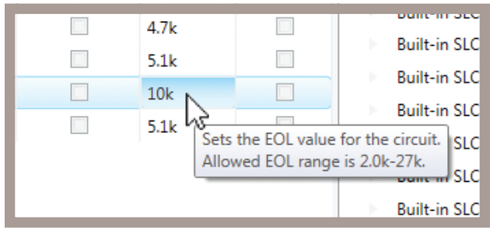
Panel Programming /

Once connected to a network, the panel configuration software allows custom programming and configuration for all points using the network or a stand-alone computer. Fine-tune device behavior characteristics or create mapping zones for a more sophisticated fire protection system. All this is bundled in an easy-to-use drag and drop interface.

Learn more by visiting:

*pttr.us/**panel-programming***





Programmable EOLs /

NACs and I/Os have programmable EOLs between 2.0k and 27k. This can be achieved manually by installing the resistor and using the panel's LEARN function, or automatically through the programming software.

Dipswitch Programming /

Potter Protocol devices are now programmed through easy-to-use dip-switches. This makes it easier than ever to address SLC devices on-site and requires no external hardware.

Addressable Fire Alarm Control Panels /

AFC-1000
127 up to 1,270 Addresses
6 Programmable NACs
10A Power Supply
4 I/O Circuits
Listed for Sprinkler Pre-action and Deluge Systems

AFC-100
100 Addresses
2 Programmable NACs
5A Power Supply
2 I/O Circuits
Listed for Sprinkler Pre-action and Deluge Systems

AFC-50
50 Addresses
2 Programmable NACs
5A Power Supply
2 I/O Circuits
Listed for Sprinkler Pre-action and Deluge Systems

ARC-100
100 Addresses
2 Programmable NACs
5A Power Supply
2 I/O Circuits
Listed for Clean Agent Releasing Systems

Voice Evacuation /

AFC-1000V
Up to 10 amplifiers
10A Power
6 Class B, 3 Class A NACs
NACs rated at 3A each

Conventional
25 - 2000W Systems
25 or 70.7 VRMS
Zone Splitting
Remote Microphones

Power Expanders /

PSN-1000(E)
Intelligent Power Expansion
10A Power
6 Class B, 3 Class A NACs
NACs rated at 3A each
2 addressable input points
(E) Extra large cabinet to house

up to 6 P-Link Expanders
PSN-64/106
10/6A Power
4/6 NACs
Quadrasync Support
Reference/Variable end-of-line resistor feature

Conventional Fire Panels /

PFC-4064
6 Class B, 3 Class A Zones
Expandable to 192 Class B, 96 Class A Zones
5A Power Supply
4 NAC Circuits rated at 3A each
Solepath IP Communicator
Email events & service reminders
Quadrasync Support

PFC-6006
6 Zones
1A Power Supply
1 NAC Circuit rated at 0.5A
Built-in dual line DACT
Sole Path IP Communicator
Email events & service reminders

Mass Notification /

EVAX-100M/200M
100W/200W Mass Notification System
25 or 70 VRMS
Digitally Recorded EVAC/MNS Messages/Tones
Live Microphone Override of Message and Tones

Mass Notification Signaling Devices

CPG by POTTER

P-Link Circuit /

FIB-1000
Fiber Interface Module

SPG-1000
Serial Parallel Gateway

FCB-1000
Fire Communication Bridge

DRV-50
LED Driver Expander

RLY-5
Relay Module Expander

SLCE-127
Potter/Nohmi SLC Expander

MC-1000
Multi-Connect Expander

PAD100-SLCE
Potter PAD SLC Expander

IDC-6
Initiating Device Circuit Expander

RA-6500R
160 Character LCD Remote Annunciator

RA-6075R
32 Character LCD Remote Annunciator

LED-16
LED Remote Annunciator

SLC Devices /

PAD-6DB Series
Detector Base

PAD-4DB Series
Detector Base

PAD-SB Series
Sounder Base

PAD-LFSB Series
Low Frequency Sounder Base

PAD-IB Series
Isolator Base

PAD-RB Series
Relay Base

PAD-PD Series
Smoke Detector

PAD-DD Series
In-Duct Smoke Detector

PAD-HD Series
Heat Detector

PAD-CD Series
CO Detector

PAD-PHD Series
Smoke/Heat Detector

PAD-PCD Series
Smoke/CO Detector

PAD-SPKB Series
Speaker Base
LFSBB-W
Back Box for PAD-SPKB

PAD-PCHD Series
Smoke/Heat/CO Detector

PAD100-TRTI
2 Relay 2 Input Module

PAD100-RM
Relay Module

PAD100-ZM
Zone Module

PAD100-IM
Isolator Module

PAD100-NAC
NAC Module

PAD100-LED
Remote LED Module

PAD100-SM
Speaker Module

PAD100-OROI
1 Relay 1 Input Module

PAD100-DIM
Dual Input Module

PAD100-SIM
Single Input Module

PAD100-MIM
Micro Input Module

PAD100-LEDK
Addressable LED with Key Switch

PAD-DUCT Series
Duct Detector

PAD-DUCTR Series
Duct Detector with Relay

PAD100-DRTS
Duct Remote Test Switch

PAD100-PSSA/PSDA
Single/Dual Action Pull Station

NAC Devices /

Mini Horns

Horns & Strobes

Speakers & Strobes

Weather Proof

Low Frequency

Mass Notification

ASSEMBLED IN THE USA

Fire Panel Connections /

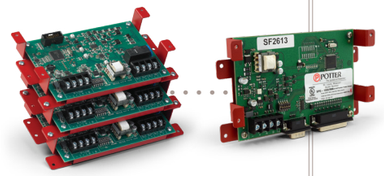
Sprinkler Monitoring

Relay Controlled Equipment

PAD100-SLCE adds an additional SLC loop and 127 points to the system

Place expansion cards in-line with your building's existing network cards with rack mounts

Red, black, gray, or white housing options



Potter's Stacker Bracket allows for multiple expansion cards to be placed within a cabinet, multiplying the capabilities of your system

Maximum Range of 800' Between SignaLink Bridge Devices

Any Dry Contact Device

SignaLink™ Transmitter

SignaLink™ Repeater (optional)

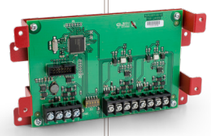
SignaLink™ Receiver

Wireless Connectivity /

I/O Circuit

SLC Loop /

Multi-Connect



MC-1000 allows up to 62 AFC Series, IPA Series, or PFC-4064 panels to share a single reporting technology

Expansion cabinets allow for additional expansion cards

P-Link Circuit /

P-Link can span up to 6500' between each fire panel and power supply. Greater distances can be achieved with the FIB-1000 and fiber optic cabling.

Up to 31 PSN-1000(E)s can be connected to the P-Link circuit totaling 310 additional amps of synchronized power.

Additional NAC Circuits

x31

To Central Station

WAN

LAN

Facility Management Software

IP Connectivity /

Quadrasync synchronizes any combination of the following protocols:

Potter® / Gentex®

Amseco®

System Sensor®

Wheelock®

NAC Circuit /

CA-6075
Class A Expander for IPA-60 and IPA-100

UD-2000
Digital Alarm Communicator Transmitter

CA-6500
Class A Expander for IPA-4000

Potter AFC Series Comparison Charts*

Features	Potter AFC-1000	Fire-Lite ES200X	Silent Knight 6808	Fire-Lite 9600	Silent Knight 6820
Addressable SLCs	10 (Class A or B)	1 (Class A or B)	1 (Class A or B)	2 (Class A or B)	4 (Class A or B)
SLC Points	1,270	198 [6]	127/198 [3,6]	636	635/1110 [3,6]
Max SLC Loop Distance	10,000 ft	10,000 feet	12,500 feet	10,000 feet	10,000 feet
SLC Protocol	Potter® PAD / Nohmi® [7]	Fire-Lite®	Hochiki® / SK [3]	Fire-Lite®	Hochiki® / SK [3]
NAC Power Supply (Amps)	10	3	6	7	6
# of NACs	6 NACs Class A/B, 4 I/O Class B	4 Class A/B	2 Class A, 4 Class B	2 Class A, 4 Class B	3 Class A, 6 Class B, 1 I/O Class A, 2 I/O Class B
NAC Circuit Rating	3A each, I/O 1A each	2.5 amp each	3 amp each	3 amps each	3 amps each
On-Board Programmable I/O [4]	4	0	0	0	2
E-mailing Capabilities [5]	Built-In	No	No	No	No
IP Communicator	Included	Built-in	Built-in	Optional	Built-in
On-board Alarm, Supervisory, & Trouble Relays	Yes	1 Trouble, 2 Programmable	1 Trouble, 2 Programmable	1 Trouble, 2 Programmable	1 Trouble, 2 Programmable
Digital Alarm Communicator	Optional	Built-in	Built-in	Optional	Built-in
Reporting Protocol	General, Zone, Point	Point or Zone	Point or Zone	Point or Zone	Point or Zone
Remote Upload/Download	Yes	Yes	Yes	Yes	Yes
History Buffer	4, 000	1,000	500	1,000	1,000
Sync Capabilities	Quadrasync [1]	Selectable [2]	Selectable [2]	Selectable [2]	Selectable [2]
Auto Programming	Yes	Yes	Yes	Yes	Yes
Auto Programming finds /adds / deletes / device-type changes without affecting installed program	Yes	Finds/Adds Only	Finds/Adds Only	Finds/Adds Only	Finds/Adds Only
Programming Zones	1,500	125	250	99	999
Programming Port Cable	Standard Ethernet	Remote Via Ethernet Locally using USB	USB or Ethernet	Serial Cable	USB or Ethernet
Annunciators	31	16	12	8	16
Battery Size in Cabinet (x2)	18	18	18	18	18
Battery Charging Capability	55	18	35	26	35

Features	Potter AFC-50 / Potter AFC-100	Fire-Lite ES-50X	Silent Knight 6700
Addressable SLCs	1 (Class A or B)	1 (Class A or B)	1 (Class B) / 1 (Class A or B)
SLC Points	50 / 100	50	50 / 100 [3]
Max SLC Loop Distance	10,000 feet	10,000 feet	12,500 feet
SLC Protocol	Potter® PAD / Nohmi® [7]	Fire-Lite®	Hochiki®, SK [3]
Power Supply (Amps)	5	3	2.5
# of NAC	2 NACs Class A/B, 2 I/O Class B	2 Class or 2 Class B	1 Class A or 2 Class B
NAC Circuit Rating	3 amps each	2.5 amps each	2.5 amps each
Emailing Capabilities [5]	Built-in	No	No
IP Communicator	Included	Built-in	Built-in
On-board Programmable I/O4	2	0	0
On-board Alarm, Supervisory, & Trouble Relays	Yes	1 Trouble, 2 Programmable	1 Trouble, 2 Programmable
Dialer	Optional	Built-in	Built-in
Reporting Protocol	General Point or Zone	Point or Zone	Point or Zone
Remote Upload/Download	Yes	Yes	Yes
History Buffer	4,000	1000	1000
Sync Capabilities	QuadraSync [1]	Selectable [2]	Selectable [2]
Auto Programming	Yes	Yes	Yes
Auto Programming finds/adds/ deletes/device-type changes without affecting installed program	Yes	Finds Adds Only	Finds Adds Only
Programming Zones	99	50	125
Programming Port Cable	Standard Ethernet	Remote via Ethernet Locally with USB	Standard Ethernet or USB
Annunciators	31	8	8
Battery Size in Cabinet (x2)	18	18	7
Battery Charging Capability	55	18	35

* Content based on available published information.

1. QuadraSync allows user to set each NAC circuit to a different sync protocol and maintain system wide sync. (Amseco®, Wheelock®, Gentex®, System Sensor®)
2. Selectable allows user to set sync protocol for all NAC outputs (Amseco®, Gentex®, Wheelock®, System Sensor®) Fire-Lite ES-50X doesn't suport Amseco sync.
3. Panel accepts multiple protocols. Smaller number refers to Hochiki protocol and larger number refers to SK protocol
4. I/O circuits can be programmed as NAC, AUX PWR, Contact Input, City Tie, Reverse Polarity.
5. Emailing Capabilities: panel has built-in email functionality to notify user-defined email addresses of events occurring at the panel. Scheduled reports can be emailed from panel, and reports can be requested from the panel on-demand.
6. The total of 198 is made up of a maximum of 99 detectors and 99 modules each per loop.
7. Same SLC protocol devices are used on all Potter AFC panels.