Integlex Multicrest™

N3060
S508

NOTE:

The information contained herein does not purport to cover all the details or variations of the equipment described, nor to provide for every possible contingency that may be met in connection with its installation, operation or maintenance.

Specifications are subject to change without notice. Contact Nohmi before relying on the information.

Actual performance is based on proper application of the product by a qualified professional.

Should further information be required or should particular concerns arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to Nohmi or your nearest distributor.

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NOHMI BOSAI LTD. INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM Integlex Multicrest N3060&S508

Catalog Number 171120©-F-13201YO2

INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM

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Integlex Multicrest™

N3060·S508

"Nohmi Quality" you can trust.

NOHMI BOSAI LTD.

“Nohmi Quality” you can trust.

From the viewpoint of social safety and industrial risk management, there is an increasing demand for improvements in the quality of fire prevention. Although it is obvious that safety is as important as air, people are only now re-evaluating safety and appreciating its importance.

It is already difficult to ensure safety even when a building is viewed from the simple container concept.

People now have diverse lifestyles so fire protection systems peculiar to the building must be constructed. As a result, we must understand both how buildings are used and the lifestyles of the occupants.

At the same time, unique, sophisticated fire protection technology is required to also take into account the construction and function of buildings as well as innovations in external cladding and internal finishing materials.

Take a look at our fire alarm systems. Nohmi’s state-of-the-art technology features ingenious design combined with features that make our customers’ lives safer and more comfortable.

Nohmi’s worldwide corporate brand identity, NOHMI, is based on this concept of providing each customer with the most suitable fire protection system for their needs by making the most of our advanced know-how gained over many years.

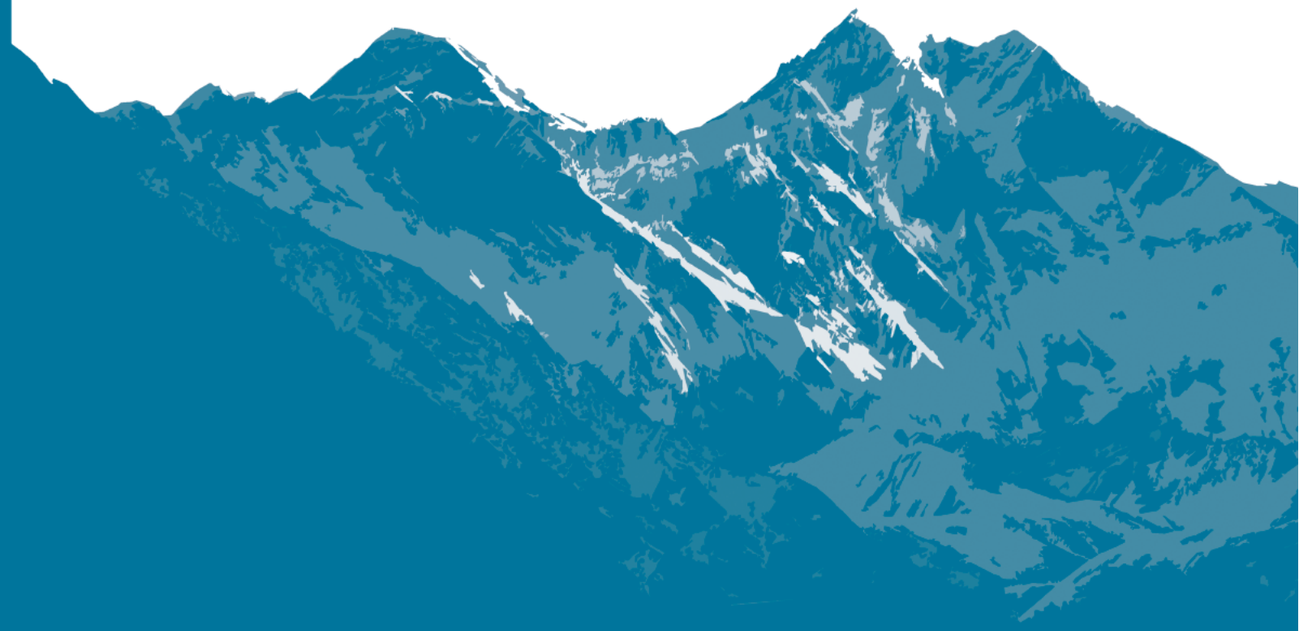
NOHMI
NOHMI BOSAI LTD.

Integlex Multicrest fire alarm systems N3060 and S508

Reaching Multiple Crests in the fire protection industry

The Nohmi group is committed to our role as “pioneers in the fire protection industry and dedicated to making society safer,” which is the company’s motto. In fulfilling this mission, the group adheres to a fundamental policy of providing the latest, optimal fire protection systems designed to protect life and property under the integrated structure ranging from R&D to sales, installation, and maintenance.

Based on the above policy, we developed Integlex Multicrest fire alarm systems to be flexibly adapted to meet the diverse requirements of today’s buildings. We are confident that the Integlex Multicrest are highly acclaimed in the marketplace for integrating cutting-edge technologies as well as for outstanding practicality and safety supported by our stringent quality assurance marks multiple crests in the fire protection industry.



Integlex Multicrest™ fire alarm system N3060

The Integlex Multicrest N3060 is an expandable and intelligent addressable fire alarm system. The N3060 Fire Alarm Control Panel employs a TFT 10.4 inch large color touch screen interface which provides faster & easier system operation and displays a range of comprehensive system information.

The N3060 FACP is capable of having a maximum of 12 loops that supports up to 3,060 addressable devices. Depending on the application conditions, each loop can be selected for either 127 addresses or 255 addresses.

The N3060 has the ability to create a Local Area Network of FACPs and PC-based System Monitoring Program. A maximum of 64 nodes can be networked to handle various types of applications.

With its versatility and expandability, the N3060 system is suitable for a range of medium- to large-sized applications.

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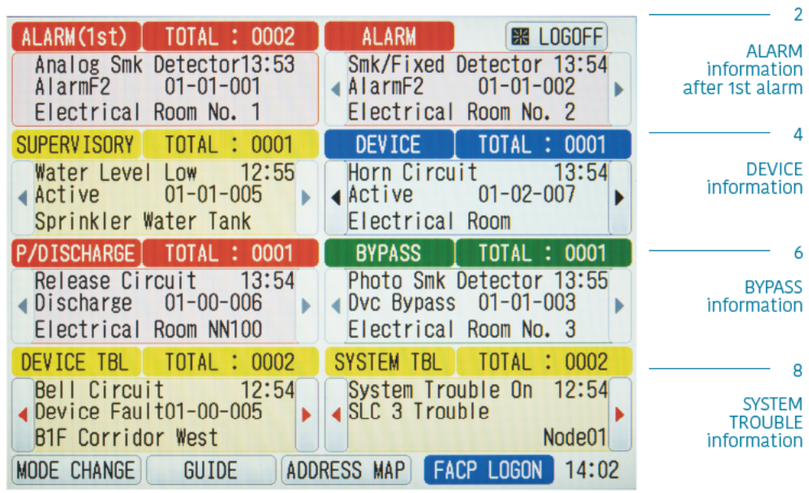
Easy to see various and comprehensive information on LCD

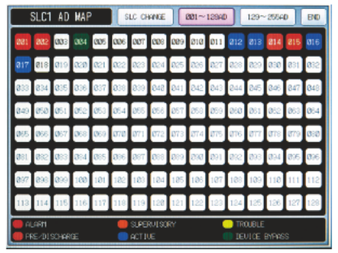
Details of categorized event information such as number of total events, classification, outbreak time, event type, event location, device message are displayed on the color LCD, so that the operator can immediately obtain comprehensive information.



Simple mode display

Address map - Display of collective address statuses

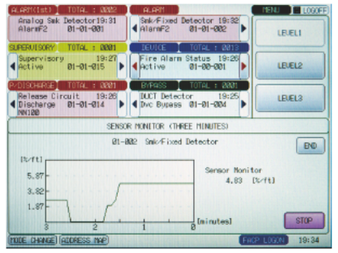
The Address Map of N3060 allows the panel operator to see the statuses of 128 addresses at a glance. When the status of an address is changed, the color of the address icon changes to show the status.



Address map display

Sensor monitor - Graphical detector sensing level

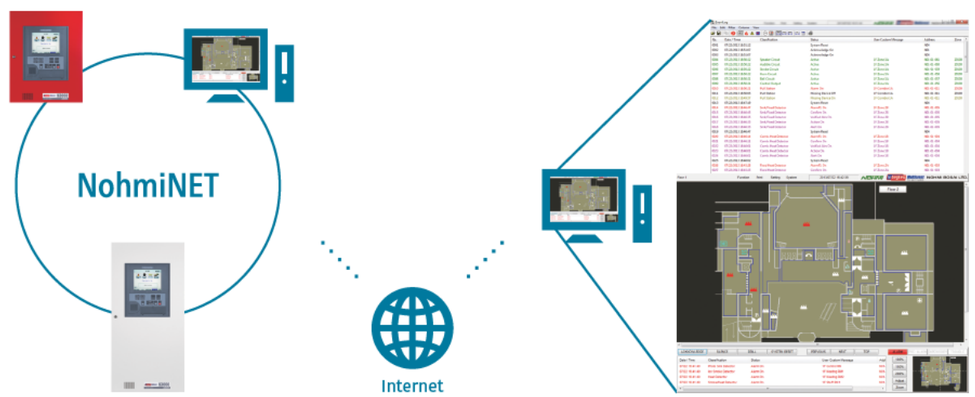
The Sensor Monitor graphically displays the sensed smoke level or heat level of the selected analog detector for the past 3 minutes or the past one week. This function facilitates checking of the sensing level of a particular detector.



Sensor monitor display

Expandable network—NohmiNET

Up to 64 nodes of FACPs and PC-based System Monitoring Program can be interconnected on the network — NohmiNET. The network communicator has the capability to support both conventional electric cables and fiber optic cables.
The Windows-based graphic interface application, System Monitoring Program, offers the ability of monitoring system conditions of networked fire alarm systems. Accessing the NohmiNET via Virtual Private Network utilizing a network device is also available, making it possible to monitor the networked systems from a remote location.



Integlex Multicrest™ fire alarm system S508

The Integlex Multicrest S508 is an intelligent addressable fire alarm system, with a “simple” and “compact” design concept. The S508 FACP is able to have a maximum of 4 loops that supports up to 508 addressable devices.

The intelligent features and functionality of the S508 not only enable users to flexibly configure the system but also is easy-to use, and minimizes time and cost spent on installation and maintenance.

With its simple and compact features, the S508 is suitable for a range of small- to medium-sized applications.

User-friendly panel front

Intelligent anti-tamper protection

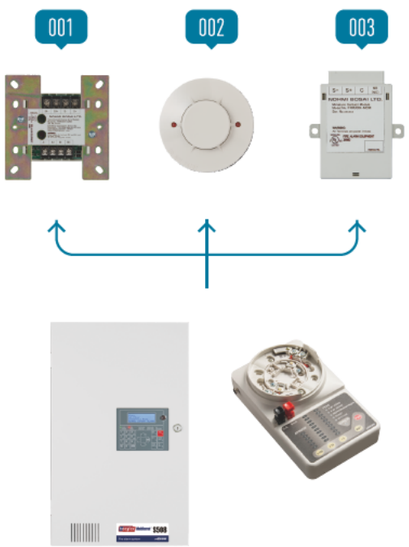
The panel front operation is protected against tampering by intelligent methods such as software passwords and a hardware key lock. Inputting the passwords or turning the key lock enables authorized persons to operate the controls.

Event information

Event details such as number of total events, classification, outbreak time, event type, event location, device message can be simply displayed on 20 letters x 4 lines LCD. The signal numbers of alarm, supervisory, and trouble are always displayed in the bottom line.

Addressable device address setting

The S508 system has two methods of assigning address numbers to addressable devices. In addition to the typical hand-held address setting unit, the S508 FACP has inbuilt address setting capability. This allows the users to set the address numbers at the application site without the hand-held address setting unit.



Intelligent Addressable Fire Alarm System

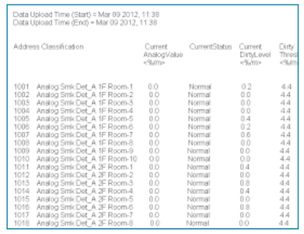
Integlex Multicrest™ fire alarm system N3060·S508

No limitation of addressable device configuration per SLC

The addressable detectors and modules on an SLC can be configured in any combination as long as the total number is within the limit (127 or 255). This feature allows users to adjust the configuration of the fire alarm system to match future system changes and expansions.

Smoke detector dirty level check

Smoke detectors may become dirty after years of installation, making them more prone to trigger false alarms. The Multicrest FACPs can store data on the dirt level of connected addressable smoke detectors, which can also be indicated on a Maintenance List created by the PC-based Configuration Program. By checking the dirt levels on the Maintenance List, users can see which addressable smoke detectors require maintenance or replacement.



Data Upload Time (Start) = Mar 09 2012, 11:38
Data Upload Time (End) = Mar 09 2012, 11:38

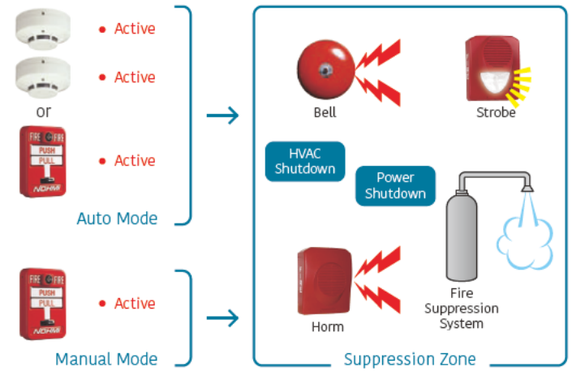
Address	Classification	Current Analog Value <%/m>	CurrentStatus	Current Dirty Level <%/m>	Dirty Threshold <%/m>
1001	Analog Smk Det_A 1F Room-1	0.0	Normal	0.2	4.4
1002	Analog Smk Det_A 1F Room-2	0.0	Normal	0.0	4.4
1003	Analog Smk Det_A 1F Room-3	0.0	Normal	0.0	4.4
1004	Analog Smk Det_A 1F Room-4	0.0	Normal	0.0	4.4
1005	Analog Smk Det_A 1F Room-5	0.0	Normal	0.4	4.4
1006	Analog Smk Det_A 1F Room-6	0.0	Normal	0.2	4.4
1007	Analog Smk Det_A 1F Room-7	0.0	Normal	0.6	4.4
1008	Analog Smk Det_A 1F Room-8	0.0	Normal	0.0	4.4
1009	Analog Smk Det_A 1F Room-9	0.0	Normal	0.0	4.4
1010	Analog Smk Det_A 1F Room-10	0.0	Normal	0.0	4.4
1011	Analog Smk Det_A 2F Room-1	0.0	Normal	0.4	4.4
1012	Analog Smk Det_A 2F Room-2	0.0	Normal	0.0	4.4
1013	Analog Smk Det_A 2F Room-3	0.0	Normal	0.8	4.4
1014	Analog Smk Det_A 2F Room-4	0.0	Normal	0.4	4.4
1015	Analog Smk Det_A 2F Room-5	0.0	Normal	0.0	4.4
1016	Analog Smk Det_A 2F Room-6	0.0	Normal	0.8	4.4
1017	Analog Smk Det_A 2F Room-7	0.0	Normal	0.0	4.4
1018	Analog Smk Det_A 2F Room-8	0.0	Normal	0.0	4.4

Built-in NAC synchronization

The type of NAC output is selectable, and may be configured for strobe synchronization and synchronization pattern with Potter/AMSECO, Gentex®, or Cooper-Wheelock® strobe devices without a particular module.

Auto/Manual mode suppression zone control

The Multicrest FACPs also have the ability to control fire suppression systems. This functionality consists of Auto and Manual modes. Under the Auto mode, either multiple fire detector signals or a manual release signal activates the devices in the suppression zone via user configuration. The Manual mode accepts only the manual release signal to activate the devices in the suppression zone.

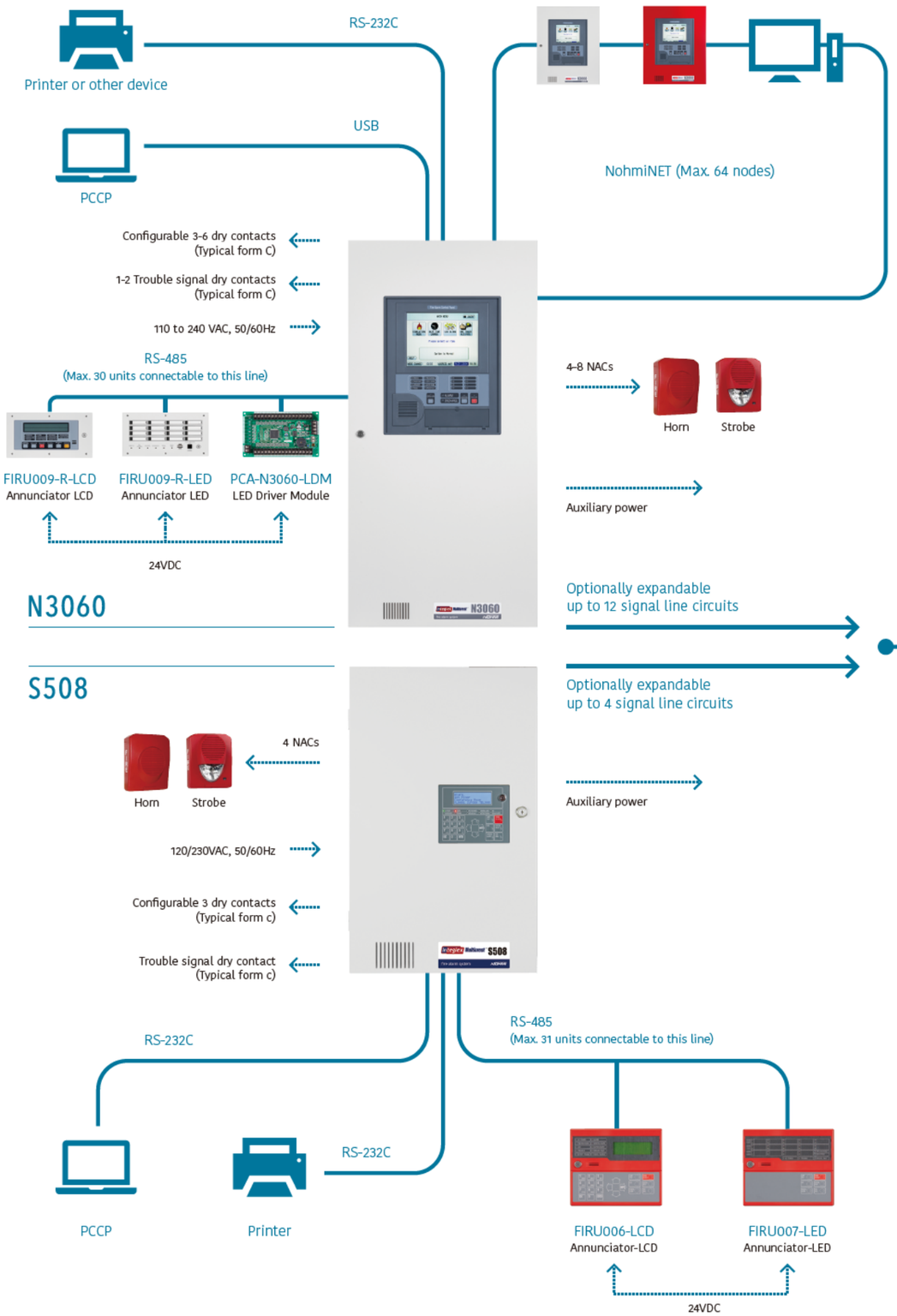


NN100
Nitrogen fire suppression system

Features comparison of N3060 and S508

Features	N3060	S508
Loop (SLC) number per system	Max. 12 loops	Max. 4 loops
Addressable device number per loop	127 or 255	127
Addressable device number per system	Max. 3,060	Max. 508
Free addressable device configuration per loop	Yes	Yes
LCD Display	10.4 inch color touch screen	80 characters (20 letters x 4 lines)
Anti-tamper protection	3 level passwords	3 level passwords & key lock
FACP network	Yes, 64 nodes	No
AC input rated voltage and frequency	110 to 240, 50/60Hz	120 or 230, 50/60Hz
Battery capacity	12Ah to 65Ah	8Ah to 40Ah
NAC number, total current	4 NACs, 6.0A in total	4 NACs, 6.0A in total
Built-in NAC synchronization	Yes	Yes
NAC codes	Code 3, March Time, California, Continuous, 20 ppm to continuous, 1 sec on and 2 sec off (20 ppm)	Code 3, March Time, California, Continuous, 1 sec on and 2 sec off (20 ppm)
Auxiliary power	1.0A at 24VDC	0.5A at 24VDC
Extra power supply unit	Yes, 1 no.	No
Dry output contact	3 nos.	3 nos.
Trouble output contact	1 no.	1 no.
Remote annunciator number per system	Max. 30	Max. 31
RS-232C serial output	1 no.	1 no.
Event history buffer	2,500 events	2,000 events
Sensor monitor	Yes	No
Bypass	Yes	Yes
Alarm simulation	Yes	Yes
Auto program	Yes	Yes
Fire suppression system control	Yes	Yes
Pre-signal	Yes	Yes
Positive alarm sequence	Yes	Yes
Auto silence	Yes	Yes
Silence inhibit	Yes	Yes
Walk Test (standard and silent)	Yes	Yes
Config. data edit on LCD	Yes, partially	Yes, fully
Address map	Yes	No
Machine time (Component running time)	Yes	No
Configuration data creation	Windows-based application	Windows-based application
Degrade mode	Yes	No
Voice message	Yes	No
Smoke detector dirty level check	Yes	Yes
Action guidance	Yes	No

System configuration



Max. line resistance:
50 ohms for S508
50 ohms / 127 addresses, 25 ohms / 255 addresses for N3060

Max. line capacitance:
0.5 microF for S508
0.5 microF / 127 addresses, 0.4 microF /255 addresses for N3060

Signal line circuit:
Max. 127 addresses for S508
Max. 127 addresses or 255 addresses for N3060