N765
N3060

Integlex Multicrest™
fire alarm system

Intelligent Addressable Fire Alarm System

NOHMI
NOHMI BOSAI LTD.
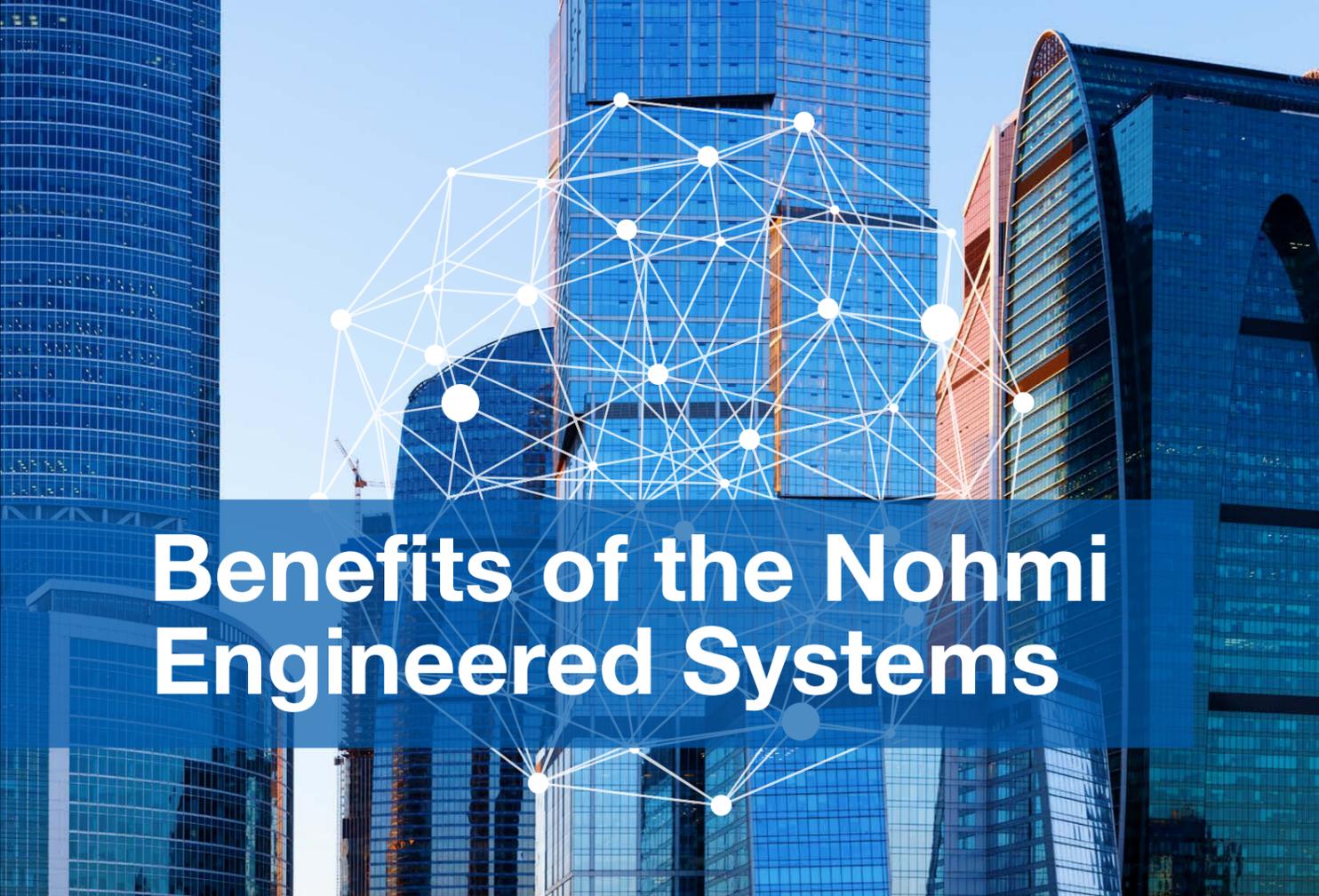
"Nohmi Quality" you can trust.

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.

Benefits of the Nohmi Engineered Systems

The Nohmi's Integlex Multicrest series will help you a flexible design and configuration on various building applications from small to large size projects. The Integlex Multicrest series control panels can be networked and the common devices such as detectors and modules can be shared. This helps you when expanding the buildings or changing layouts.

N3060	N765	N765

NohmiNET

N3060	SMP	N765

Integlex Multicrest™
fire alarm system
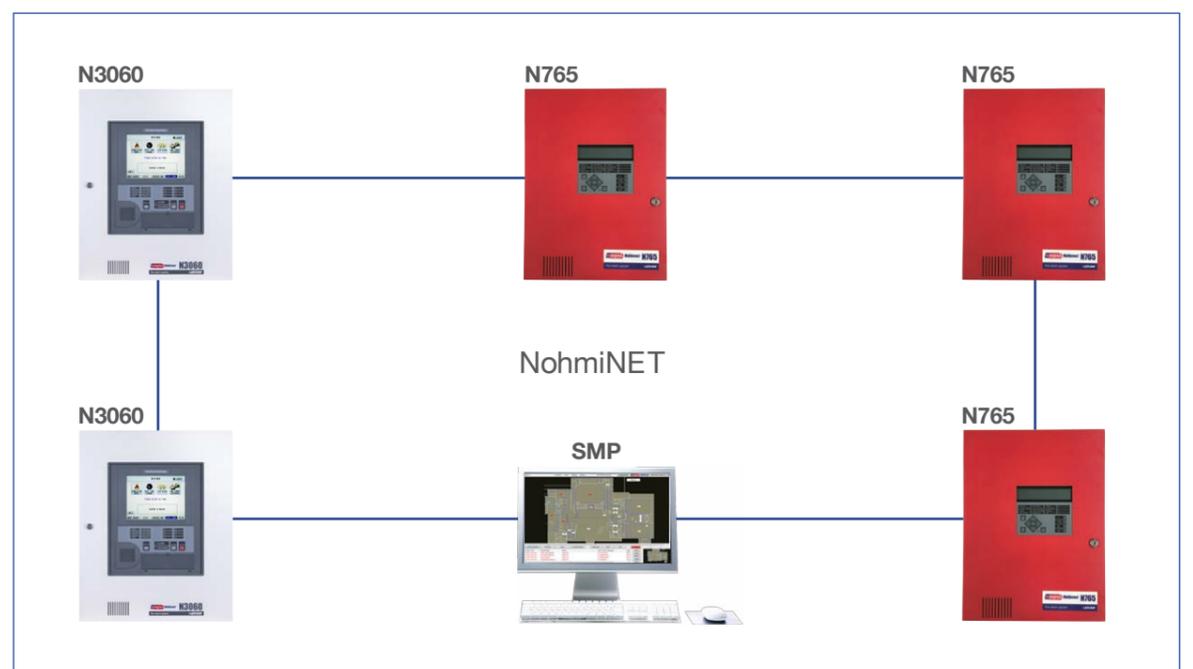
N765

UL LISTED

The Integlex Multicrest N765 is an expandable and intelligent addressable fire alarm system.
The N765 Fire Alarm Control Panel is designed for small to medium size applications. The N765 FACP is suitable for the gas suppression control with a simple configuration tool and module.

The N765 is capable of having a maximum of 3 loops that support up to 765 addressable devices. Depending on the applications, each loop can be selected for either 127 addresses or 255 addresses.

The N765 is designed to fit small space. The N765 has a single size enclosure and all of the optional boards, such as an additional SLC board, network interface unit, and etc. can be stored in it.

User-friendly Interface

The N765 is equipped with a simple interface and a clear LCD screen to make easy operation possible. The Option button will allow you to change display categories and short cut the function.

Optimal Display

Countdown   1st Alarm
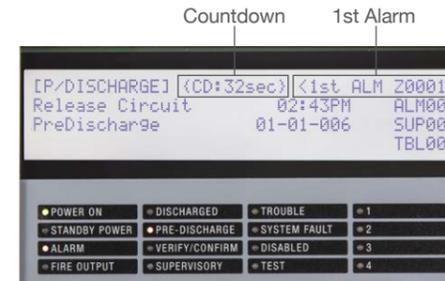
The first alarm and a subsequent alarm will be displayed at the same time because knowing of the fire occurrence is very important for firefighting. The countdown timer will also be displayed if it is programmed so that the operator understands the remaining time to gas discharge.

Walk Test Report
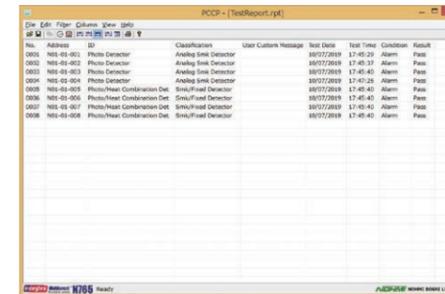
After the walk test, the N765 can create the walk test report so that the users can easily prepare the report to the authorities.

Configuration Tool for Smart Devices
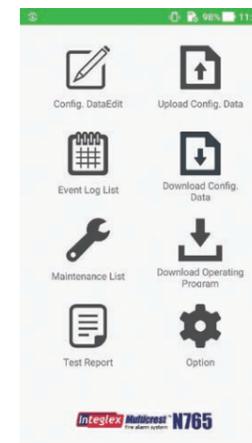
The configuration tool is available for Android smart devices in addition to the PC-based Configuration Program

Android
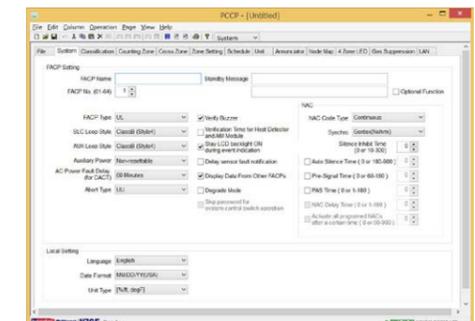
Windows

Disable for Maintenance

The N765 FACP is capable of cutting off all output devices/circuits except NAC devices at once from the menu option. This prevents unwanted activation of output devices during the maintenance or installation work.

Inteqlex Multicrest ™
fire alarm system

N3060

UL LISTED

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.

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

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.

1	1st ALARM information
3	SUPERVISORY information
5	PRE-DISCHARGE & DISCHARGE information
7	DEVICE TROUBLE information

ALARM information After 1st alarm	2
DEVICE information	4
BYPASS information	6
SYSTEM TROUBLE information	8

Simple mode display

Address map - Display of collective address statuses
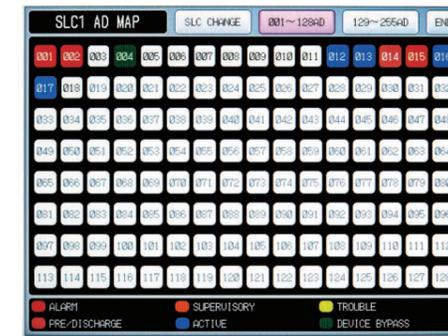
Address map display

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.

Sensor monitor - Graphical detector sensing level
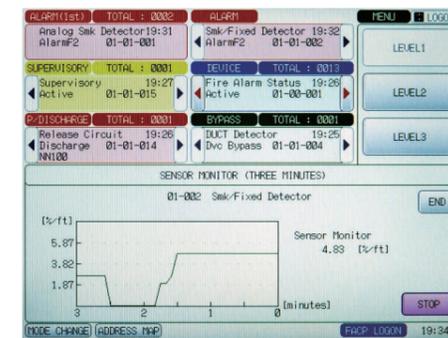
Sensor monitor display

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.

Action guidance messages
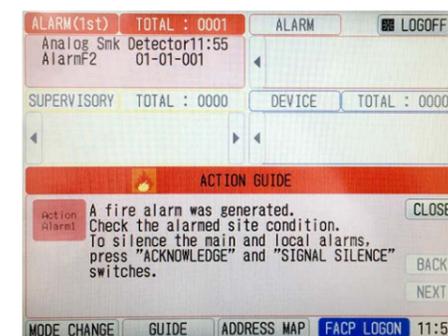
Sensor monitor display

The action guidance messages assist operators to take appropriate action when the event occur. The guidance messages are preprogramed, but users can change them accordingly. This feature can prevent panic, especially in the event of a fire.

Integlex Multicrest™ fire alarm system N3060 N765

Network capability

The Multicrest FACPs have 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.

Graphic Interface Application

The Windows-based graphic interface application offers the ability of monitoring system conditions of networked fire alarm systems. The system functional button, such as Acknowledge, Signal Silence, Fire Drill, and System Reset, is also available to control networked FAPCs and SMPs.

## 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. By checking the dirt levels on the Maintenance List, users can see which addressable smoke detectors require maintenance or replacement.

Easy configuration for suppression control
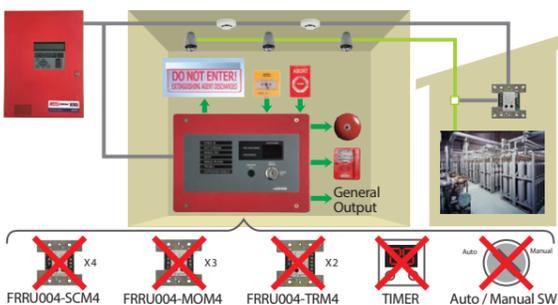
The Multicrest FACPs also have the ability to control fire suppression systems. The Gas Suppression Control Unit (GSCU) helps easy configuration and cost reduction. Multiple modules used to be required to configure necessary devices to the gas suppression system, but one GSCU can eliminate those.

FRRU004-SCM4 X4
FRRU004-MOM4 X3
FRRU004-TRM4 X2
TIMER
Auto / Manual SW Auto / Manual

* The GSCU will be compatible with the N3060 in the near future.

Features comparison of N3060 and N765

| Features	N3060	N765
Loop (SLC) number per system	Max. 12 loops	Max. 3 loops
Addressable device number per loop	127 or 255	127 or 255
Addressable device number per system	Max. 3,060	Max. 765
Free addressable device configuration per loop	Yes	Yes
LCD Display	10.4 inch color touch screen	160 characters (40 letters x 4 lines)
Anti-tamper protection	3 level passwords	3 level passwords
FACP network	Yes, 64 nodes	Yes, 64 nodes
AC input rated voltage and frequency	110 to 240, 50/60Hz	100 to 240, 50/60Hz
Battery capacity	12Ah to 65Ah	7Ah to 40Ah
NAC number, total current	4 NACs, 6.0A in total	2 NACs, 5.0A in total
Built-in NAC synchronization	Yes	Yes
NAC codes	Temporal 3, March Time, California, Continuous, 20 ppm to continuous, 1 sec on and 2 sec off (20 ppm)	Temporal 3, March Time, California, Continuous, 20 ppm to continuous, 1 sec on and 2 sec off (20 ppm)
Auxiliary power	1.0A at 24VDC	1.0A at 24VDC
Extra power supply unit	Yes, 1 no.	No
Dry output contact	3 nos.	3 nos.
Trouble output contact	1 no.	1 no.
Input Circuit	No	2 nos.
Remote annunciator number per system	Max. 30	Max. 30
RS-232C serial output	1 no.	1 no.
Event history buffer	2,500 events	4,000 events
Sensor monitor	Yes	Yes
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
Walk Test Report	No	Yes
Config. data edit on LCD	Yes, partially	Yes, Partially
Address map	Yes	No
Machine time (Component running time)	Yes	Yes
Configuration data creation	Windows-based application	Windows-based application & Android application
Degrade mode	Yes	Yes
Voice message	Yes	No
Smoke detector dirty level check	Yes	Yes
Action guidance	Yes	No
SD Card	No	Yes
Trouble Zone	No	Yes
Countdown Timer	No	Yes

Common Devices

Our wide range of Common Devices will fit your needs

Analog Addressable Detectors

Analog Photo Smoke Detector
FDKU026-D-X
FDKU012-PSA

Analog Photo Smoke / Fixed Heat Detector
FDKLU026-D-X
FDKLU001-PSHA

Analog Fixed Heat Detector
FDLU019-D-X
FDLU009-FHA

Analog Combi Heat Detector (ROR/Fixed)
FDHU003-D-X
FDHU002-RHA

Bases

4-inch Base
FZBU004-AB4
FZBU013-2Z
FZBU013-4Z

Addressable Sounder Base
FZBU005-ASB

Isolator Base
FZBU005-AIB

Modules

Miniature Contact Module
FRRU004-MCM

Single Contact Module
FRRU004-SCM4

Dual Contact Module
FRRU004-DCM4

Twin Relay Module
FRRU004-TRM4

Monitored Output Module
FRRU004-MOM4

Conventional Initiating Zone Module
FRRU004-CIZM4

Short Circuit Isolator
FQIU004-SCI

Analog Input Module
FRRU004-AIM

Gas Suppression Control Unit
FRRU004-GSCU

Address Setting Unit

Address Setting Unit
FZAW004-P

Annunciators

LCD Type Remote Annunciator
FIRU009-R-LCD

LED Type Remote Annunciator
FIRU009-R-LED

LED Driver Module
PCA-N3060-LDM

Pull Stations

Single Action Terminal Type

Dual Action Terminal Type

Notification Appliances

Alarm Bell

Strobe with Horn

Graphic Interface Application

System Monitoring Program
CNI016N

System Interface Unit

Network Accessories

Network Interface Unit
PCA-2706XA NIU

Fiber-optic Interface Module
PCA-2707XA FIM

Fiber-optic Interface Module 2-A
PCA-N3060-FIM2-A

Fiber-optic Interface Module 2-B
PCA-N3060-FIM2-B

Integlex Multicrest™

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.

Distributed by :

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