

NHP-FB2/NHL-FB2

Signal Tower
φ 40mmSignal Tower
φ 60mm

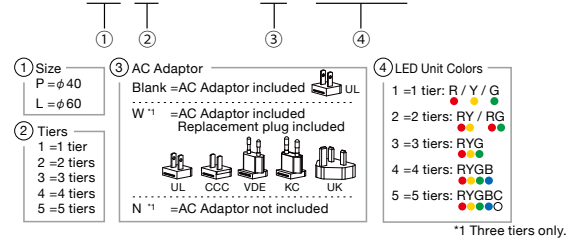
- Designed to compliment office spaces
- Up to 5 LED units with 2 types of flashing patterns
- 4 audible alarm sound types

Specifications

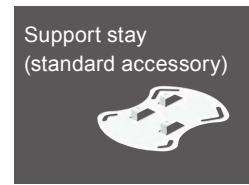
Product Model		NHP-3FB2-RYG	NHL-3FB2-RYG
Network	Physical Layer	Ethernet (IEEE 802.3 compliant) 10BASE-T / 100BASE-TX (auto-negotiation, full duplex/half duplex)	
	Data Link Layer	CSMA / CD	
	Network Layer	IP, ICMP, ARP	
	Transport Layer	TCP / UDP	
	Application Layer	HTTP, SMTP, SNMP, RSH, NTP, POP, DNS, SOCKET, DHCP, SLMP	
General	Clear Switch	Yes (Lights off and Stop Buzzer)	
	Self Diagnosis Function	Yes	
	Number of tiers	1 - 5 tiers (can change after purchase)	
	Color Order	Standard colors (can change after purchase)	
Signal Light	Setting function	Web Setup	
	Luminous Color	Red, Amber, Green, Blue, White (LED) Clear Globe	
	Flashing Rate (Frequency)	60/minute	
	Sound Pressure Level (at 1m variable)	Maximum 80dB or more, Minimum 70dB or less	
	Sound Type	Buzzer	
	Number of Playback Sounds	4 types	
	Buzzer Sound	4 types (short intermittent beeps) (slow intermittent beeps) (2 short intermittent beeps) (*continuous beep)	
Main Unit	Volume Control	Change between Large, Small, and Off with a slide switch	
	Power Consumption	Main Unit 2.0W 4.0W	
	Rated Voltage	Main Unit: 24V DC / AC Adaptor: 100 - 240V AC	
	Operation Temperature Range	0 - 40°C	
Conformity standards	Operation Humidity Range	20 - 80% RH (no condensation)	
	Operation Unit	Clear Switch, Reset Switch, Test Switch, Mode Switch, Volume Switch	
		RoHS Directive EN50581 EMC Directive EN55032, EN55024 FCC Part 15 Subpart B Class B, ICES-003 Class B UL1638, UL464, CSA C22.2 No.205 KC Certification KN61000-6-2, KN61000-6-4* PSE specified electrical equipment (enclosed AC adaptor only. The main unit is not PSE-specified) * N Model only	

Model Code

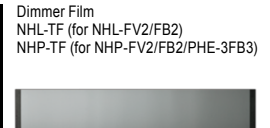
NHL-3FB2N-RYG



Installation Image



Optional Parts



Supported LED Unit



LR4/6-E-RY/G/B/C



LR4/6-E-RZ/YZ/GZ/BZ

- The maximum number of LED unit attachments for LR4/6-E-□ and LR4/6-E-□Z, is five in total.

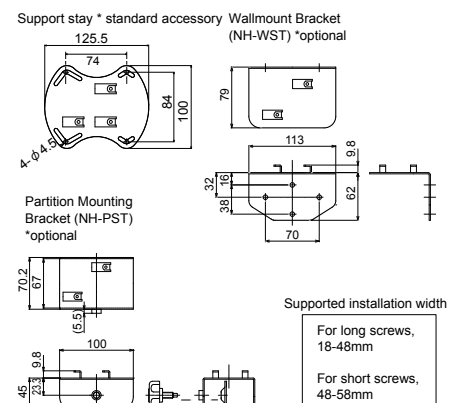
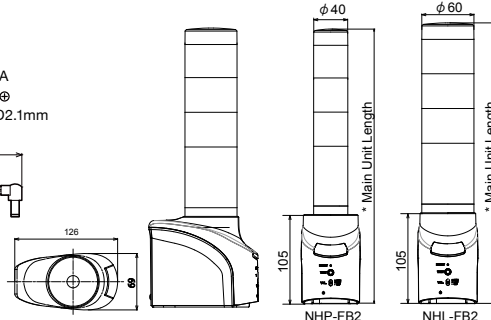
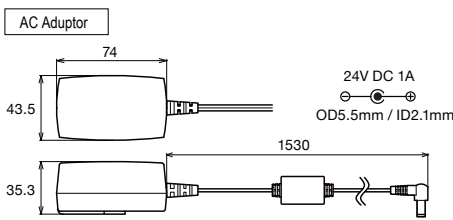
Dimensions (mm)

NHP-□FB2 Main Unit Length and Mass by number of tiers

Number of tiers	1 tier	2 tiers	3 tiers	4 tiers	5 tiers
Main Unit Length (mm)	244	284	324	364	404
Mass (g)	575	610	645	680	715

NHL-□FB2 Main Unit Length and Mass by number of tiers

Number of tiers	1 tier	2 tiers	3 tiers	4 tiers	5 tiers
Main Unit Length (mm)	244	284	324	364	404
Mass (g)	660	720	780	840	900



Network
Signal Tower
Signal Light
Revolving Warning Light
Cube Tower
Audibles
Hybrid Signaling Devices
LED Illumination
Options

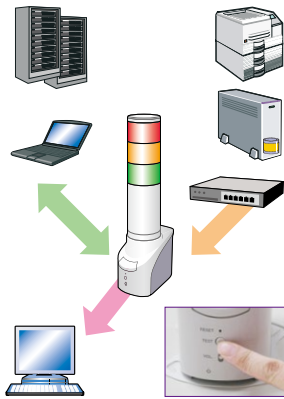
Function Features

Various monitoring functions supported

PING Device Monitor

Monitors Device Existence on the Network

Each NH Tower initiates PING interaction for up to 24 network devices. When a PING response fails, light/sound signaling occurs to warn administrators.



SNMP v1 · v2c

Monitor networking equipment at a low cost

Many network devices (UPS, printers, routers, switches, etc.) generate SNMP TRAP messages when a failure occurs. The NH tower can trigger light/sound signaling based on these messages to warn the administrator.

It can distinguish the various TRAPS. Register up to 16 groups (4 nodes per group).

Application Monitoring

The tower can monitor important background applications and signal the administrator upon any failure.

Self Diagnosis Function

The test switch on the front of the Body can check the Signal Tower and buzzer operation functions easily without it being controlled through the network.

Various Communication Commands

Control with HTTP Commands

You can send HTTP communication commands to control all notification patterns.

NH-FB Series / NH-FV Series
Execute command (Red, Amber, Green, Lighting, Sound Buzzer)
`http://192.168.10.1/api/control?alert=111001`
Execute command (execute clear operation)
`http://192.168.10.1/api/control?clear=1`

NH-FV Series
Execute command (Red - Lighting, Amber - Flashing 1, Playback message on ch 10 once)
`http://192.168.10.1/api/control?led=12000&sound=10`
Execute command (digital output ON)
`http://192.168.10.1/api/control?output=1`

RSH

RSH Control

It is easily controllable by RSH commands, which is a flexible protocol. Network integrated management software and event information, including various monitor tools etc., are turned into a trigger to cause lighting, flashing, and the buzzer to sound in synchronicity with the light of the Signal Tower.

NH-FB Series / NH-FV Series
Event Occurrence: Execute command (Red, Amber, Green, Lighting, Sound Buzzer)
For RSH:
`rsh 192.168.10.1 -l root alert 111001`

NH-FV Series
Event Occurrence: Execute command (Playback message on ch 10)
For RSH:
`rsh 192.168.10.1 -l patlite sound 10`

SOCKET Communication

PHN Command Compatibility

It is controllable with 2 byte commands.
* Compatible with NHE-3FB, NHC-3FB, NHM-3FB, and PHN-3FBE1.
* There are restrictions on some functions.

Event Occurrence: Execute command (Red, Amber, Green, Lighting, Sound Buzzer)
For PHN compatible commands: 0x57, 0x17

* NH-FV Series does not support sound playback using PHN compatible commands.

PNS Command Compatibility

By using PNS commands, you can control all notification patterns.
* PNS commands are the proprietary commands.

NH-FB Series / NH-FV Series
Event Occurrence: Execute command (Red, Amber, Green, Lighting, Sound Buzzer)
For PNS command: 0x58, 0x58, 0x53, 0x00, 0x00, 0x06, 0x01, 0x01, 0x01, 0x00, 0x00, 0x01

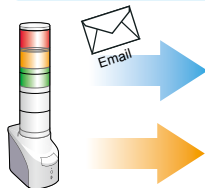
NH-FV Series
Event Occurrence: Execute command (Playback message on ch 10)
For PNS command: 58h, 58h, 56h, 00h, 00h, 04h, 01h, 00h, 00h, 10h

Detailed Alert Function Settings

Send e-mail with a maximum of eight events (selectable)

The subject name and text corresponding to a diverse event can be created. It exceeds in the complete e-mail authentication function securely.

Email transmission

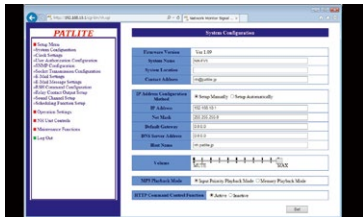


SNMP v2c

Can transmit from a maximum of eight locations.

Easy setup from a web browser

The detailed setup for the Body can be accessed over a web browser to its IP address. Firmware can also be upgraded remotely.



▲ Web Settings screen

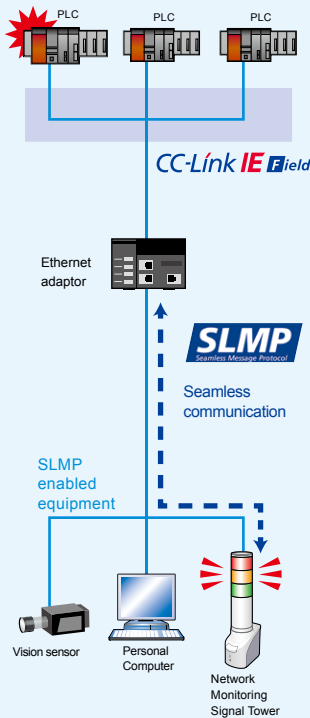
Supports DHCP

Supports DHCP client functions, such as getting network information, IP address for example, from the DHCP server.



SLMP, MC protocols supported. You can connect the unit to a CC-Link IE field network.

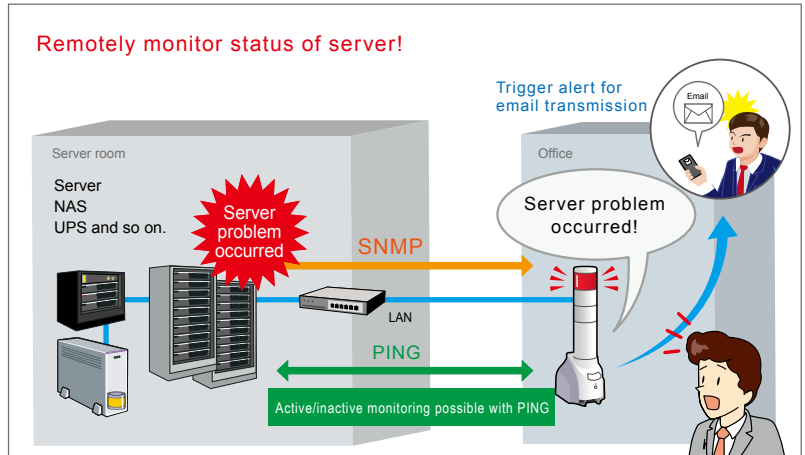
The unit regularly sends commands to PLCs in the CC-Link IE field network, and can notify you of retrieved data by light, sound, email, and/or trap.



Use for all sorts of cases.

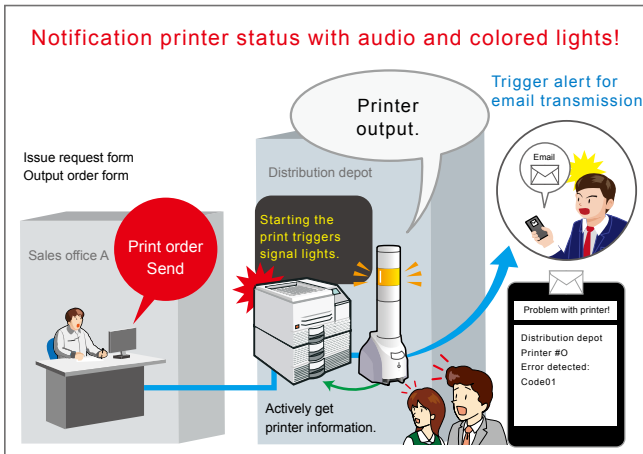


Remote monitoring of server



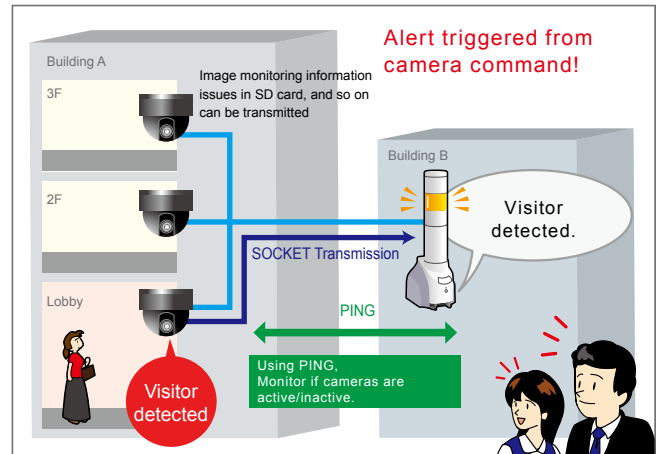
Remotely monitor the status of the server, NAS, UPS and so on. When an error occurs, a command is received via LAN, and the manager is notified as the unit works in conjunction with other equipment (contact input / output). At the same time, email notifying the problem is sent to the specified recipients.

Notification triggered by printer output



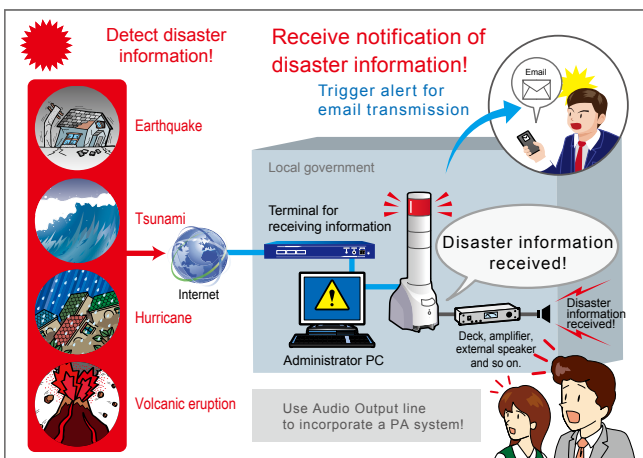
When a process starts from printer output, the person who sends the output is not necessarily the same person who receives the output. In this case, you can use the monitoring function of NH-FV to alert the status of the printer with lights and sound, so that the printout is not left unnoticed.

Notification based on information from network camera



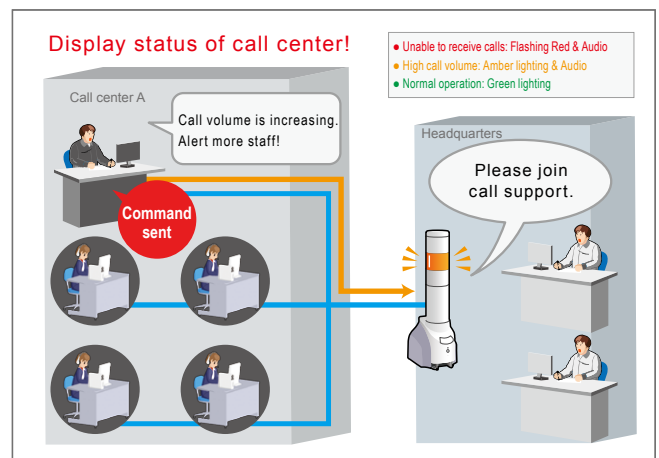
You can turn on the NH Series lights when a camera detects visitors or notify the manager to act quickly. Also, from the NH Series you can monitor if network cameras are active/inactive, ensuring stable operation of the system.

Notification disaster information



When a natural disaster alert is received, the NH Series can promptly alert you with lights and sound and notify the fire department and local government. By ensuring important information is not overlooked or left unnoticed, you can promote prompt communication with local residents.

Notification from call center



By alerting the operator's call status with signal lights, occurrences of call waiting due to call volume and an absence of operators that cause problems of getting no response can be avoided, promote follow-up by managers, and heighten awareness of operators.