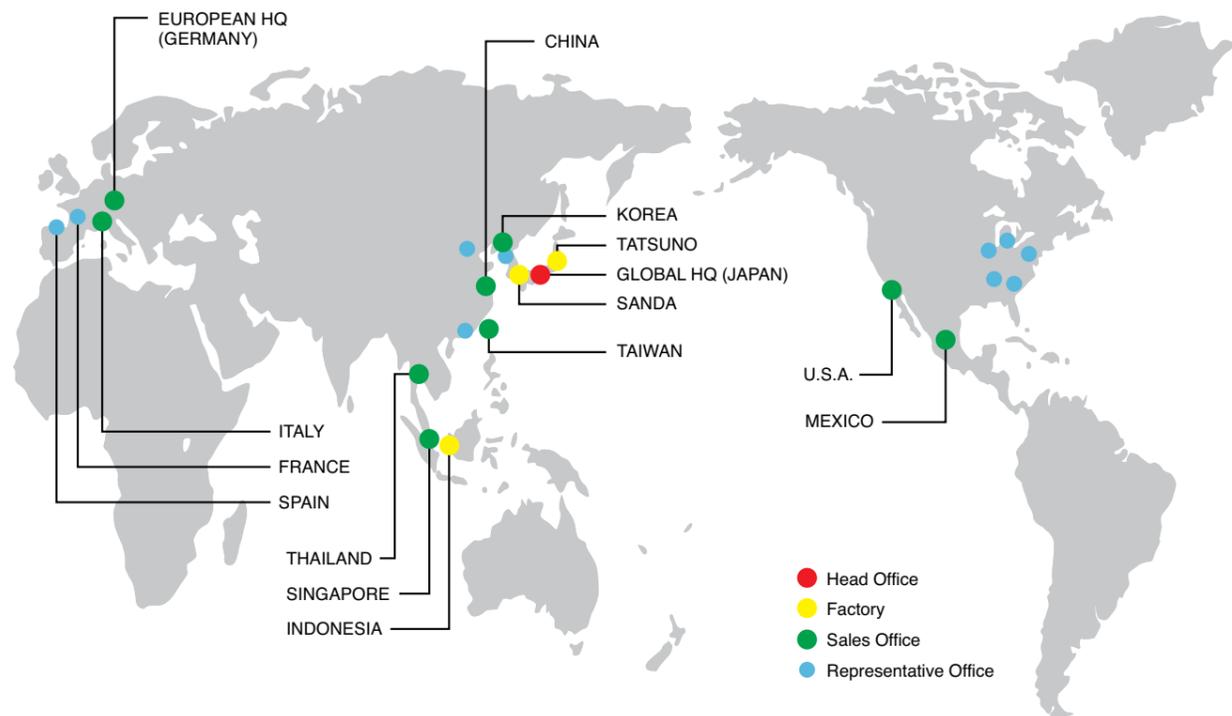


# PATLITE Global Network



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### CAUTION

To ensure correct use of these products, read the "Instruction Manual" prior to use. Failure to follow all safeguards can result in fire, electric shock, or other accidents. Specifications are subject to change without notice.

O-A11B EN 2004

# PATLITE®

## Network Catalog

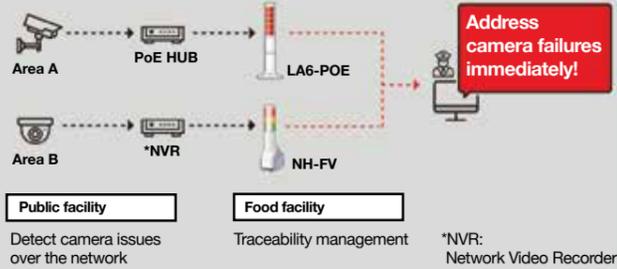


[www.patlite.com](http://www.patlite.com)

# IoT solution from the Factory

## Surveillance system monitoring

The LA6-POE and NHL-FV are able to detect network events and notify remote personnel over the network.

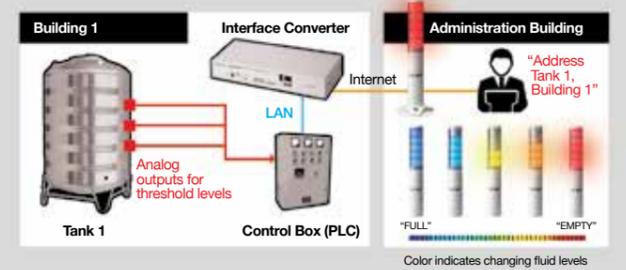


Surveillance System

# to the Office

## Remote tank level monitoring

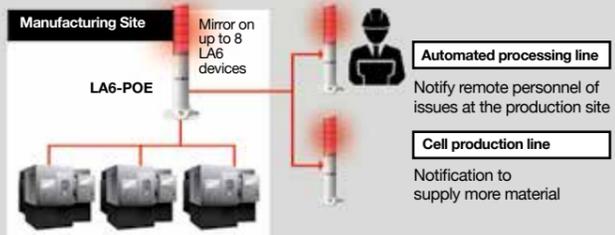
Without warning, remotely located tanks run dry, leading to extended downtime. The LA6 is a visual level meter, able to notify remote personnel of level statuses in real-time.



Manufacturing Facility

## Mirroring display of production facility

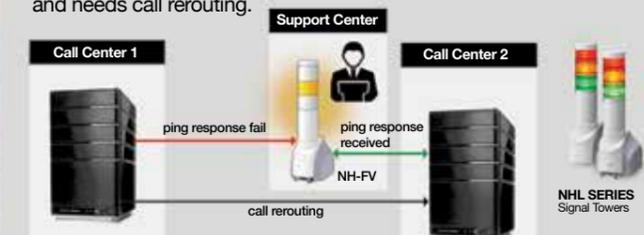
A master LA6-POE located at the production site is able to mirror status of up to 8 LA6-POE devices, notifying personnel of production issues located in remote locations.



Production Line

## Monitor nodes on network in real-time

The NHL monitors nodes on multiple call center networks. If ping responses fail from certain nodes, the NHL will notify an administrator by visual or voice alert indicating which call center has gone down and needs call rerouting.



Customer Support

## Network existing equipment

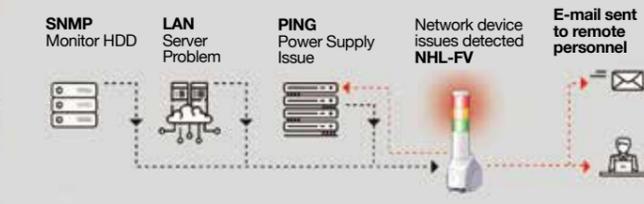
Improve response time by converting your existing equipment to network-enabled devices capable of notifying remote personnel via e-mail.



Factory Operation

## Remote monitoring of server and network peripheral devices

The NHL-FV supports various protocols to communicate with network devices and is able to notify local personnel of issues on the network via visual and audible signals and remote personnel via email.



Server Room

# Programmable LED Signal Tower Series with PoE

## LA6-POE 60mm Smart Signal Towers

- Programmable, multi-color signal towers designed to replace standard stack lights
- Features 21 LED colors and 11 alarm types, all in a single part number
- Ethernet connection with PoE (Power over Ethernet) support, enabling single cable installations

### What is PoE (Power over Ethernet)?

System that passes electric power along with data on twisted pair Ethernet cabling. This allows a single cable to provide both power and data to devices.



LA6-5DTNWB-POE  
Direct mount type

LA6-5DSNWB-POE  
Stationary type

### Product Features

- Supports a range of communication protocols
- Built-in web interface for quick and easy configuration
- Mirroring function: Replicates signals on up to 8 slave devices in remote locations



Connects easily to an existing network



Alarm volume toggle switch



Water resistant alarm structure



Unique lens design for optimizing light emission

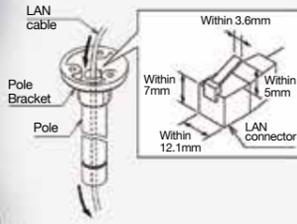
### Options



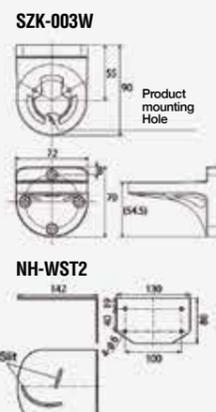
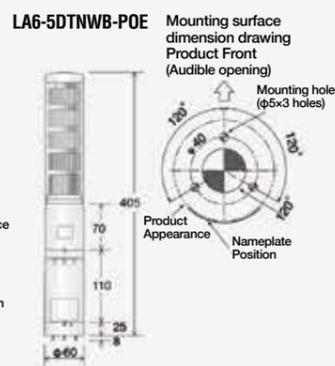
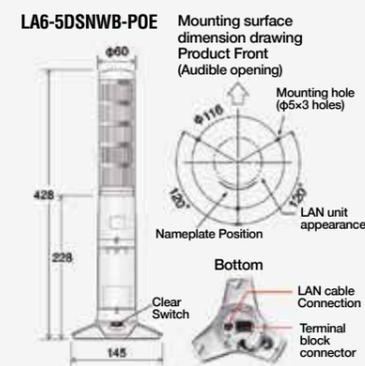
### Assembly Type / Pole Mount Bracket



### Wire Assembly



### Dimensions



### TERMINAL BLOCK CONNECTOR PIN POSITION

POWER LINE (Signal line side)	6	12	COM
POWER LINE	5	11	FLASHING / PULSE ENABEL COMMON
INPUT 4	4	10	MODE CHANGE
INPUT 3	3	9	INPUT 7
INPUT 2	2	8	INPUT 6
INPUT 1	1	7	INPUT 5

### RECOMMENDED SPECIFICATION FOR LEAD WIRE

Wire Type	UL1007 / UL1430
Wire Diameter (Solid wire)	0.2 - 1.5mm <sup>2</sup>
Wire Diameter (Stranded wire)	AWG24 - 16

Please use wire with temperature rating at 75°C or above that has a copper wire conductor.

## Step 01

### Select a Smart Mode Type

The EDITOR for LA Series software allows you to quickly configure your LA6 Signal Tower. Each smart mode uses different methods to trigger Animations\* and Patterns\* allowing you to customize unique indication solutions.

- \*Animations: Light color cycling resembling flashing, pulsing, running lights, etc.; can also include an audible alarm.
- \*Patterns: Any combination of solid colors and/or audible alarm.

#### 1. Time Trigger Mode

Display animations that transition at preset timings. Animations are triggered initially by an input or command and run based on set timings.

Common Applications:  
Production Cycle Time, Takt Time System, Running Light



#### 2. Pulse Trigger Mode

Display animations or patterns in fixed sequences. Sequences are triggered by inputs, commands or setting elapsed timings.

Common Applications:  
Pressure or Temperature Display



#### 3. Single Light Mode

Display a single pattern at a time and trigger pattern transitions by input or command.

Common Applications:  
Status Indication, Level Monitoring



## Step 02

### Select method(s) for triggering LA6 alert functions

The LA6-POE supports a variety of communications protocols and can be triggered through the terminal block.

#### HTTP (Hypertext Transfer Protocol)

HTTP is an application-layer protocol designed within the framework of the Internet protocol suite.

The LA6-POE accepts HTTP commands sent through a web browser or PLC to trigger visual and audible alert functions.

#### SOCKET Communication

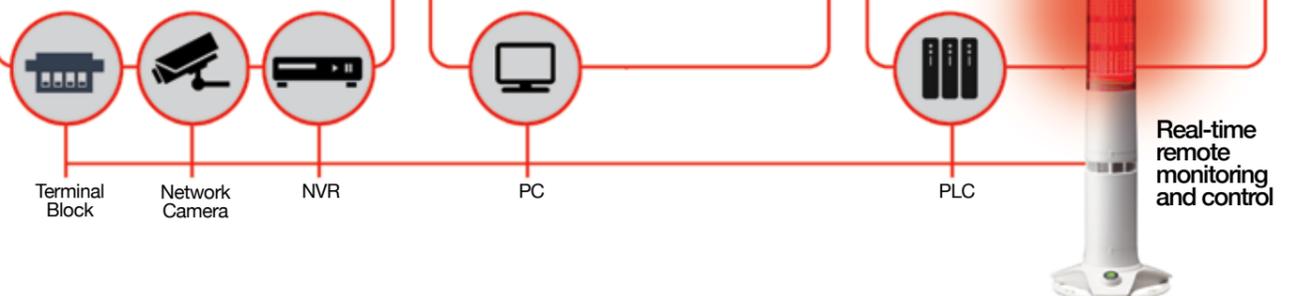
Socket(s) allows communication between PCs and is used in a client-server application framework.

The LA6-POE accepts an application-level protocol called PNS (developed by PATLITE) to establish connection between client and server and to control visual and audible alert functions.

#### Modbus TCP/UDP

Modbus TCP/UDP is a variant of the Modbus family of vendor-neutral communication protocols intended for control of automation devices.

The LA6-POE accepts Modbus TCP/UDP commands from a PLC to control visual and audible alert functions.



# Network Monitor Signal Tower Series with MP3 Voice Alerts

## NH-FV Smart Signal Towers

- Supports Microsoft Azure directly
- Audible alarm and MP3 voice alert functions
- Built-in digital output and contact inputs
- Able to send email alerts
- Monitor network device status using SNMP protocol

 The NH-FV series can connect directly to Microsoft Azure. Information can be transmitted anywhere in the world as long as you have an Internet environment.

## LR4 & LR6 Series LED Units

Size	Color	Model
φ40		LR4-E-R / Y / G / B / C
		LR4-E-RZ / YZ / GZ / BZ <small>Clear globe</small>
φ60		LR6-E-R / Y / G / B / C
		LR6-E-RZ / YZ / GZ / BZ <small>Clear globe</small>

## Easily Reconfigure LED Colors (Only NH-FV2/FB2)

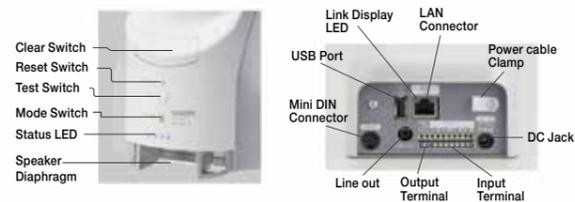
No tools are required to reconfigure the LED units. Simply twist the LED units to lock or release the units from one another. Standard stack lights are generally glued together or require tools to reconfigure modules.

## Monitor network device status using SNMP protocol

In addition to PING monitoring, the NH Signal Towers are equipped with an SNMP monitoring function. It actively obtains MIB information from supported SNMP network devices and is able to notify personnel with visual, audible, and/or email notifications when changes occur.



## Control Interface (NH-FV2 Series)



## Options

NH-WST2 Wall-mount Bracket	Length / NHP-FV2 Main Unit mass Main Unit Length					
	Number of Tiers	1	2	3	4	5
	Main unit length (mm)	256	296	336	376	416
	Mass (g)	945	980	1015	1050	1085

NHL-TF (FOR NHL-FV2/FB2) NHP-TF (FOR NHP-FV2/FB2) Dimmer Film	Length / NHL-FV2 Main Unit mass Main Unit Length					
	Number of Tiers	1	2	3	4	5
	Main unit length (mm)	256	296	336	376	416
	Mass (g)	1030	1090	1150	1210	1270



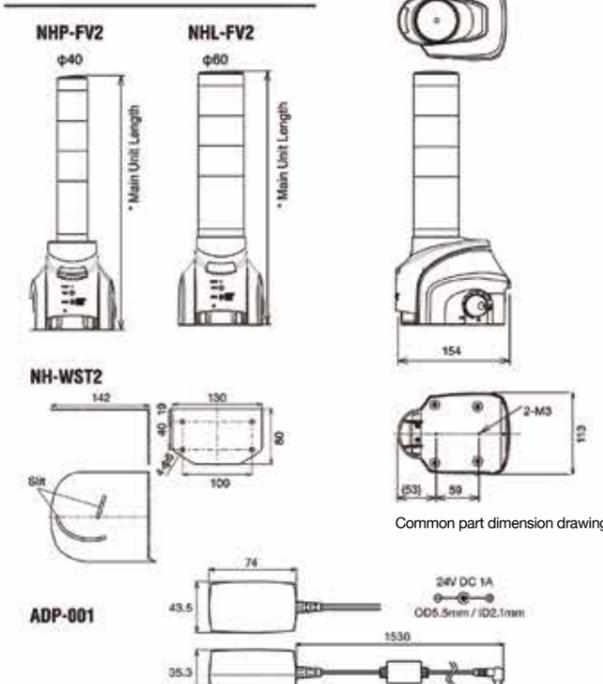
## How to Order

**NHL-3FV2N-RYG**

- Size  
P = φ40  
L = φ60
- Tiers  
1 = 1tier  
2 = 2tiers  
3 = 3tiers  
4 = 4tiers  
5 = 5tiers
- AC Adaptor  
Blank = AC Adaptor included  
W \*1 = AC Adaptor included  
Replacement plug included  
UL CCC VDE KC UK  
N \*1 = AC Adaptor not included
- LED Unit Colors  
1 = 1 tier: R / Y / G  
2 = 2 tiers: RY / RG  
3 = 3 tiers: RYG  
4 = 4 tiers: RYGB  
5 = 5 tiers: RYGBG

\*1 Three tiers only.

## Dimensions (Unit: mm)

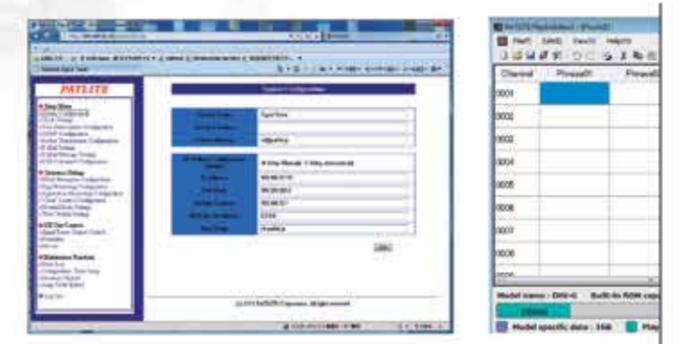


## “Irregularities detected on the network”

Volume adjustable up to 88dB



## Settings and MP3 files can be modified via web interface



## Audible Alarm Functions

The NH Series comes pre-loaded with four audible alarm tones and three chime tones. The NH-FV comes also pre-loaded with three MP3 voice alerts and stores up to 60 MP3 messages.

Alarm tones	Chime tones	Voice alerts
(Fast intermittent) (Medium intermittent) (Slow intermittent) (Continuous sound)	Chime 1 Chime 2 Chime 3	“Problem was detected in the network” “A problem occurred” “Problem was solved”

## MP3 Voice Alerts

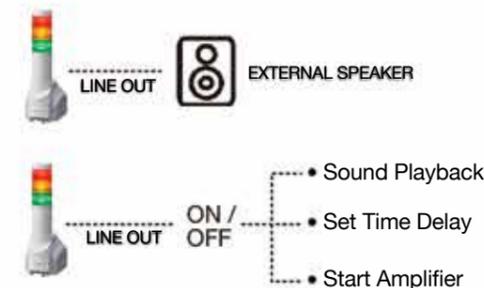
Load the NH-FV with custom MP3 messages to give your network and/or machines a voice.

## Loud Alarm

The audible alarm horn is designed with a unique structure that achieves a sound pressure of 88 dB.

## Line Out

A digital output can be linked to the Line Out output so that another device, such as an amplifier or beacon, can be activated while the sound plays back. A delay can also be set to the sound trigger.

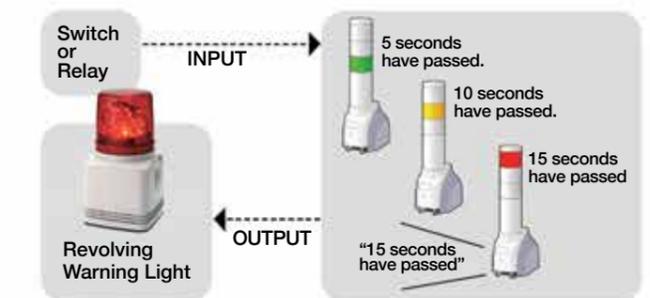


## Digital Input / Digital Output Contact Monitoring

The NH-FV is equipped with four digital contact inputs and one digital output.

Example:

An input from a switch relay can trigger a timer function. At preset time intervals, alert functions trigger and send an output to trigger an external device.



## USB Flash Drive

A USB flash drive may be used for the following operations:

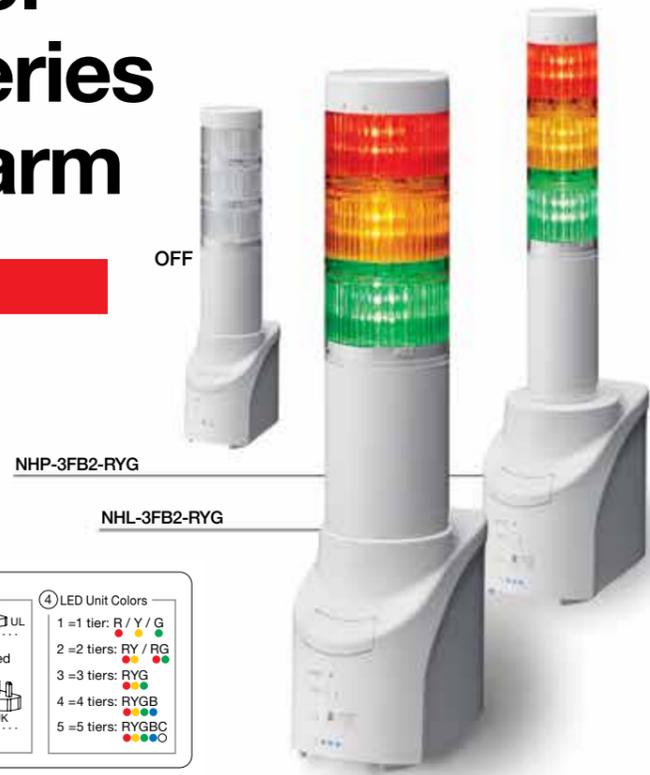
- Update Firmware
- Download Event Log
- Import/Export Operation Settings
- Edit MP3 Voice Alerts



# Network Monitor Signal Tower Series with Audible Alarm

## NH-FB Smart Signal Towers

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



### How to Order

**NHL-3FB2N-RYG**

- Size  
P=φ40  
L=φ60
- Tiers  
1=1 tier  
2=2 tiers  
3=3 tiers  
4=4 tiers  
5=5 tiers  
\*1 Three tiers only.
- AC Adaptor  
Blank =AC Adaptor included  
W '1' =AC Adaptor included  
Replacement plug included  
UL CCC VDE KC UK  
N '1' =AC Adaptor not included
- LED Unit Colors  
1 =1 tier: R / Y / G  
2 =2 tiers: RY / RG  
3 =3 tiers: RYG  
4 =4 tiers: RYGB  
5 =5 tiers: RYGBC

### LR4 and LR6 Series LED Units

The LR Series supports up to 5 LED units on a single signal tower.

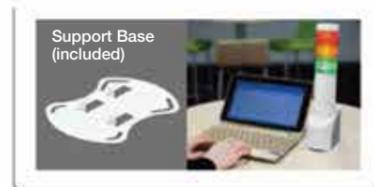
\* LED units (LR\*-E-\*) of the same color cannot be connected on the same unit.

Size	Color	Model
φ40		LR4-E-R / Y / G / B / C
		LR4-E-RZ / YZ / GZ / BZ <small>Clear globe</small>
φ60		LR6-E-R / Y / G / B / C
		LR6-E-RZ / YZ / GZ / BZ <small>Clear globe</small>

### Options



### Installation image



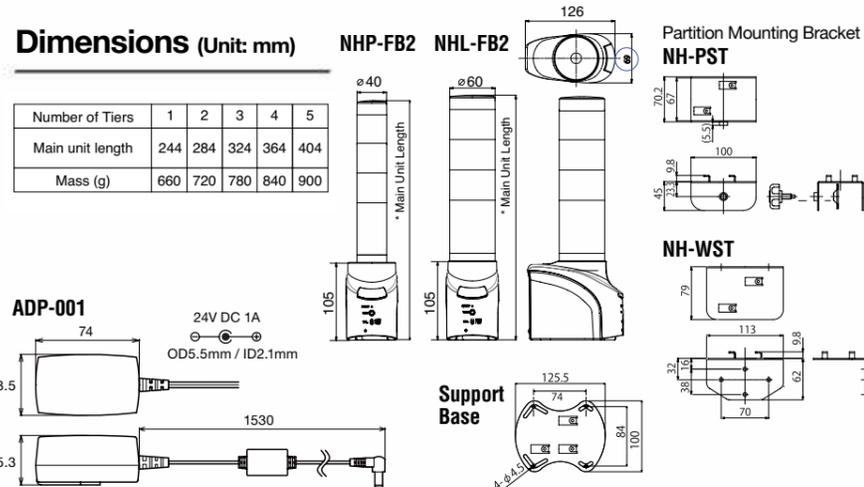
### Simple Control Interface



- 1) Clear Switch  
Clears visual or audible alerts and returns the NHL to the "normal status"
- 2) Reset Switch  
Reboots the NHL device
- 3) Test Switch  
Cycles through all segments

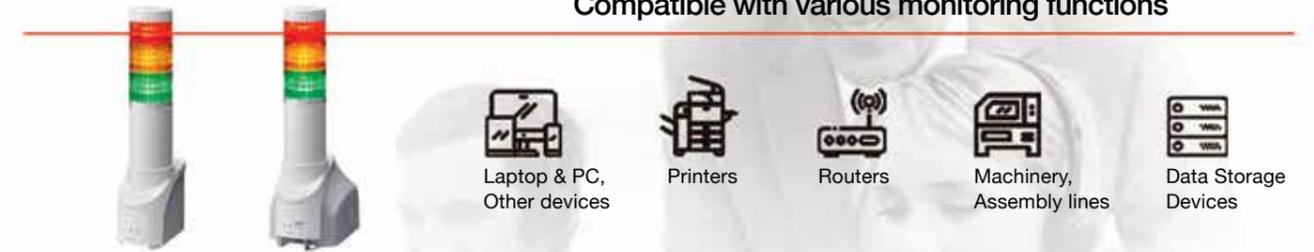
### Dimensions (Unit: mm)

Number of Tiers	1	2	3	4	5
Main unit length	244	284	324	364	404
Mass (g)	660	720	780	840	900



## Monitoring Functions for NH-FB and NH-FV Series

Compatible with various monitoring functions



### PING Monitoring

Ping up to 24 nodes simultaneously. While Ping is a basic diagnostic tool, the NH Signal Towers is able to notify you based on your priorities. For example, low priority ping response failures may trigger a flashing light, while higher priority failures will trigger an MP3 voice alert and send an email report, in addition to the flashing light.

### Application Monitoring

Gain control over your applications and earlier problem detection. Evaluate the performance of standard software and web applications and if an error occurs, the NH Signal Towers promptly alerts you before problems become worse.

### Trap Monitoring

As one of the oldest standards for network equipment fault notification, most network devices support SNMP traps. The NH Signal Towers are able to send, receive and analyze trap information and responds and/or notifies you appropriately.

### Email Transmission

Send email reports of various network events to up to 8 addresses. The subject and body can be customized and can be automated to be sent in a variety of situations.

### HTTP Command

HTTP (Hypertext Transfer Protocol) is an application-layer protocol designed within the framework of the Internet protocol suite.

The NH Series accepts HTTP commands sent through a web browser or PLC to trigger NH Series visual and audible alert functions.

#### NH-FB / NH-FV Series

**Command execution**  
(Red / Amber / Green Lights on Alarm sounds)  
<http://192.168.10.1/api/control?alert=111001>

#### NH-FB / NH-FV Series

**Command Execution**  
(Perform clear operation)  
<http://192.168.10.1/api/control?clear=1>

### RSH Command

Remote Shell (RSH), command line program that executes shell commands on remote hosts such as the NH Series.

RSH can be used to automatically run commands based on event information from network management software and various monitoring tools on the NH Series to trigger visual and audible alert functions.

#### NH-FB / NH-FV Series

**Command execution**  
(Red / Amber / Green Lights on Alarm sounds)  
`rsh 192.168.10.1 -l root alert 111001`

#### NH-FV Series

**Command Execution**  
(Play the CH10 message)  
`rsh 192.168.10.1 -l patlite sound 10`

### SOCKET Communication

Socket(s) allows communication between PCs and is used in a client-server application framework.

The NH Series accepts an application-level protocol called PNS (developed by PATLITE) to establish connection between client and server and to control visual and audible alert functions.

#### NH-FB / NH-FV Series

**Command execution**  
(Red / Amber / Green Lights on Alarm sounds)  
`58H,58H,53H,00H,00H,06H,01H,01H,01H,00H,00H,01H`  
(NHL-FV Series cannot play alarm sounds with PHN command)

#### NH-FV Series

**Command Execution**  
(Play the CH10 message)  
`58H,58H,56H,00H,00H,04H,01H,00H,00H,10H`

### Compatible with DHCP

Dynamic Host Configuration Protocol (DHCP) is a network management client/server protocol that automatically assigns an IP address to each device on a network so they can communicate with other IP networks.

### Easy to Setup/Update

Accessing the NH Series settings or updating the firmware can easily be done through a web browser.

### Self-Test Function

With the test switch located on the front of NH Series devices, users can test various functions without having to login to the device through the network.

# Interface Converter for Networking PATLITE signaling devices

## NBM-D88NN Interface Converter

- 8 discrete input and output channels to add non-networking PATLITE signaling devices to an equipment network.
- Supports SNMP, HTTP, PNS (Developed by PATLITE), Socket Transmission command protocols.
- Email Alerts – Send emails to up to 8 addresses per alert notification.
- Use a web browser to send commands via the Hypertext Transfer Protocol (HTTP).
- Ping up to 24 nodes or devices on your network.
- Built-in “Clear” button for quickly reverting the NBM to its initial status once an alert is confirmed.

## Easy to Setup/Update

Access the NBM setup interface by remotely logging into the device's IP address through a web browser.



Web Settings screen

Users can remotely setup a static IP address, automate digital outputs, update firmware, just to name a few.

## Options

### NBM-ANG Option

Angle mounting bracket for server racks



Mounts directly to server racks

## Interface



## Input and Output Setting Functions



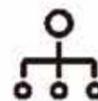
### DURATION

An output is triggered based on the length of time an input is triggered.



### NUMBER

An output is triggered based on how many times an input is triggered within a time period.



### AND

An output is triggered based on a combination of preset inputs being triggered.

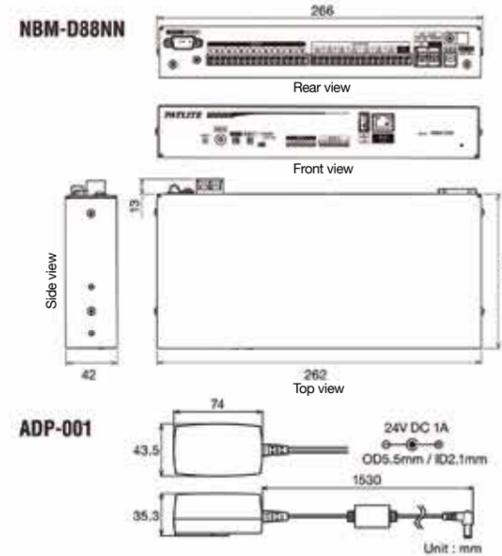


NBM-D88NN Interface Converter

SOLD SEPARATELY  
ADP-001 Universal AC Adaptor



## Dimensions (Unit: mm)



## 01

### Monitoring Functions

#### PING Monitoring

Monitor up to 24 nodes on the network

#### TRAP Monitoring

- Equipped with a SNMP manager
- Can distinguish variable bindings
- Registers 16 groups (1 group, 4 nodes)

## 02

### Command Protocols

#### Send RSH command (8 commands)

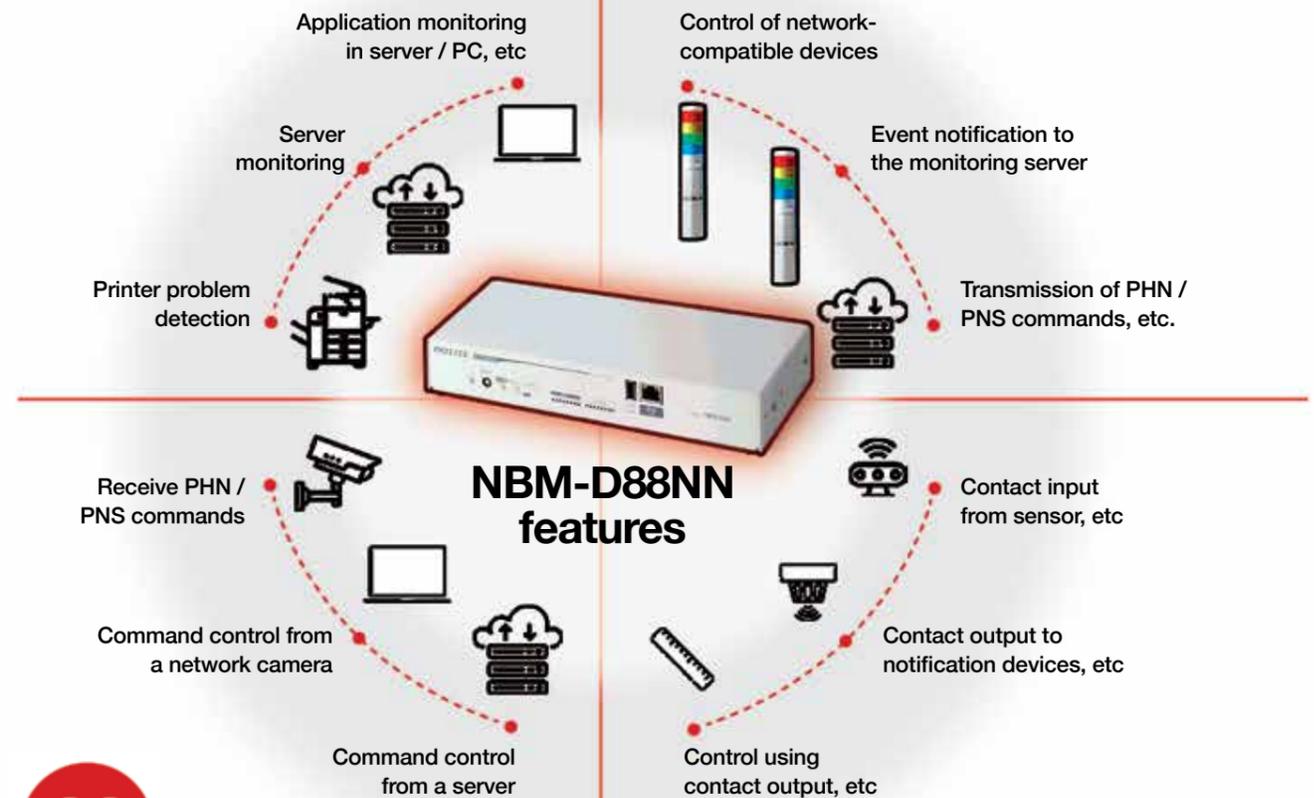
Create RSH commands for each event

#### SNMP TRAP transmission (8 transmissions)

Send an SNMP TRAP for each event

#### SOCKET transmission

Send a command of up to 30 bytes



## 03

### Digital Outputs

#### Compatible with PHN command

Control digital output with a 2-byte command

#### Compatible with PNS command

Control digital output by using a PNS command

#### Compatible with HTTP command

Control digital output with HTTP commands.

Execute command (port 1: ON, port 3: OFF, Other: no operation)

<http://192.168.10.1/api/control?/alert=19099999>

## 04

### Command Protocols

• Control each device with 8 input terminal blocks, 8 output terminal blocks, and contact inputs independently

• Equipped with one 24V DC output

• Contact diverse notification devices such as revolving warning lights and audio equipment

• Obtain logs with USB memory

• Obtain / reflect settings with USB memory

# USB Powered and Controlled LED Signal Tower Series

## LR6-USB 60mm USB Signal Towers

- PC or HMI controlled
- Powered over USB for single cord installation
- Open architecture for custom programming
- Compatible with Windows® and Linux

### Product Features

#### Simple to Program

Use the included DLL software library to easily develop software to control the LR6-USB Series various signaling functions.

#### No dedicated driver required

Dedicated driver is not required as it is USB HID class compatible.

#### Compatible LED units

The LR6-USB Series supports solid color, clear globe, and multi-color LED units.

Color	Model
	LR6-E-R/Y/G/B/C
	LR6-E-RZ/YZ/GZ/BZ <span style="color: blue;">Clear globe</span>
	LR6-E-MZ <span style="color: blue;">Clear globe</span> <span style="color: red;">Multi color</span>

### Options Assembly Type / Pole Mount Bracket

**SZK-003W+FO044** Wall-mount Bracket    **SZP-004K** Upper Bracket    **SZP-004W** Upper Bracket    **SZ-016A** Mounting Bracket    **SZ-010** Mounting Bracket



### Specifications

Model	LR6-3USBW/K-RYG (Assembled Product)	LR6-USBW/K (Body Unit)
Protection Rating	IP65 (IEC60529)/NEMA TYPE 4X, 13	
LED Unit Control	Light on/Light off/4 types of flashing patterns	
Audible Alarm Control	Select from play/stop 4 patterns/13-scale sound pattern	
Communication Method	USB2.0 Full Speed	
Software	Windows® 7, Windows® 8 (Excluding Windows® RT), Windows® 8.1 (Excluding Windows® 8.1 RT), Windows® 10, Linux	



### How to Order

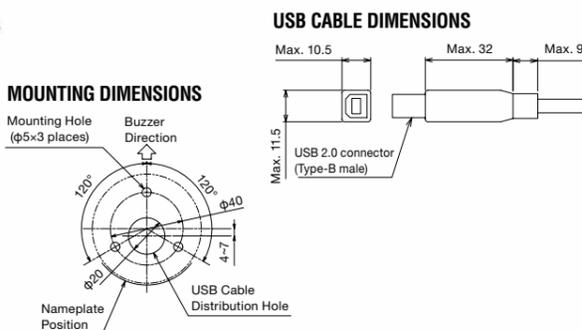
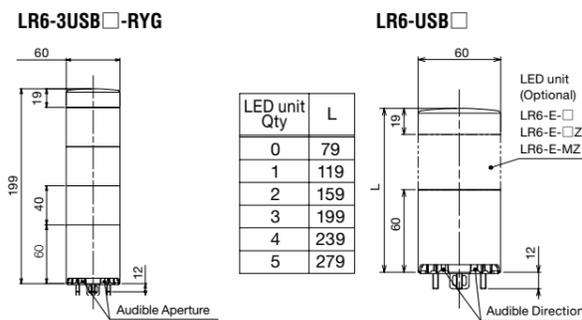
**LR6- USB -RYG**

①                      ②                      ③

① Tiers Blank = Base Unit 3 = 3 tiers*	② Body Color W = Off-white K = Black	③ LED Unit Color Blank = Body Unit RYG = Red, Amber, Green (From top to bottom)
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\*Pre-assembled model is not available in North America.

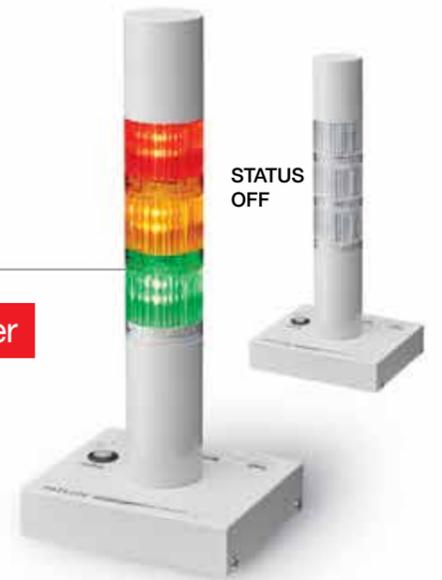
### Dimensions (Unit: mm)



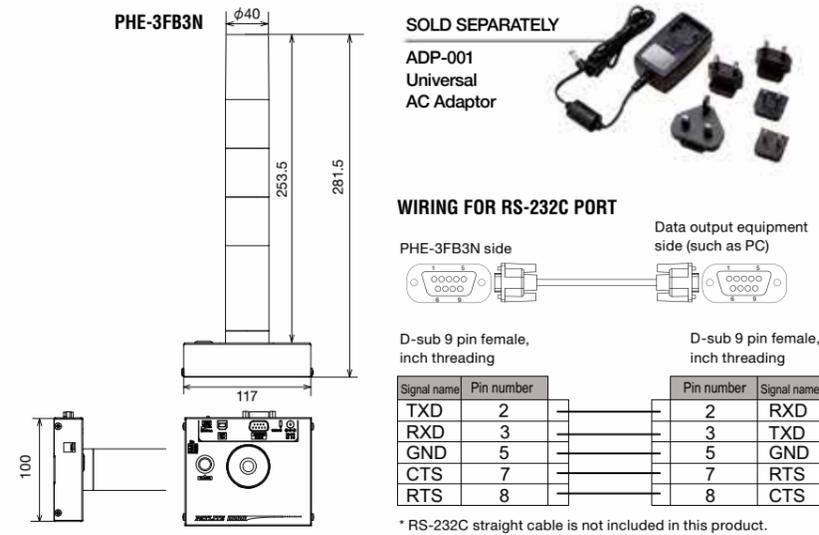
# USB / RS-232C Controlled Signal Tower

## PHE-3FB3N-RYG 40mm Interface Converter Signal Tower

- Signal tower features 3 LED colors and 2 flashing patterns
- Send ASCII commands over USB or RS-232C to control built-in signal tower
- Receive power over USB or a 24V DC supply source
- 4 built-in alarm sounds with adjustable volume up to 80 dB
- Built-in "Clear" button for quickly reverting the PHE to "default state" once an alert is confirmed



### Dimensions (Unit: mm)



## PHC-D08N Interface Converter

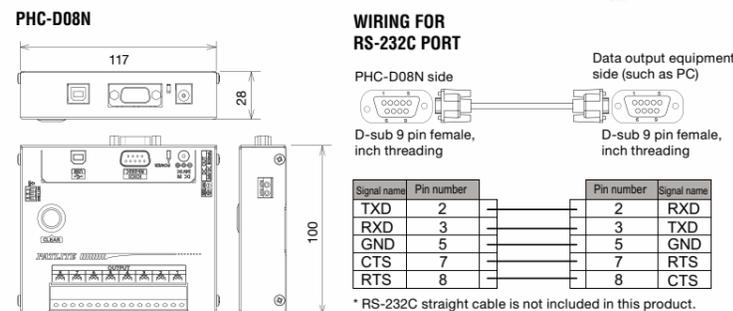
- Send ASCII commands over USB or RS-232C to control PATLITE signaling devices
- Receive power over USB or a 24V DC supply source
- Built-in "Clear" button for quickly reverting the PHC to "default state" once an alert is confirmed



PHC-D08N



### Dimensions (Unit: mm)



SOLD SEPARATELY  
ADP-001 Universal AC Adaptor



# Network Compatible Products



Voice / Audible Alarm

Audible Alarm Type



		LA6-POE	NHL-3FV2 NHP-3FV2	NHL-3FB2 NHP-3FB2	LR6-USB	PHE-3FB3N	
		Signal Tower	Network Monitor Signal Tower with MP3	Network Monitor Signal Tower	USB-Controlled	USB / RS-232C - Controlled Signal Tower	
Input Interface		Ethernet (Compatible with PoE)	Ethernet	Ethernet	USB	RS-232C / USB	
Monitor	PING	Monitoring Node #	24 Nodes	24 Nodes	-	-	
		Abnormality Determination # Setting	0 - 30	0 - 30	-	-	
		Transmission # Setting	1 - 3	1 - 3 (*1)	-	-	
		Cycle Setting	1 - 600 Seconds	1 - 600 Seconds	-	-	
	SNMP	TRAP Reception	64 (4 cases x 16 groups)	64 (4 cases x 16 groups)	-	-	
		Variable-Bindings Judgement	0	0	-	-	
Monitoring of SNMP-Compatible Device		-	0	-	-	-	
Notify	EMAIL	SLMP	16 Devices	16 Devices	-	-	
		Send to	8 Cases	8 Cases	-	-	
		POP Recognition	0	0	-	-	
		SMTP Recognition	0	0	-	-	
	SNMP	TRAP Transmission	8 Cases	8 Cases	-	-	
		Luminescence Pattern Light On / Flashing / Fast Flash	0	0	0	0	0
	Sound Function	Playback Sound #	11	Maximum 70 Types	4	5	4
			Sound Line Output	-	0	-	-
		Volume	Max.85 dB or more	Max.88 dB or more	Max.80 dB or more / Min. 70 dB or less / OFF	Max.80 dB Min. 70 dB	Max.80 dB or more
		Sound Type	Audible Alarm	Voice	Audible Alarm	Audible Alarm	Audible Alarm
		Playback Mode	-	Later input priority playback Memory playback	-	-	-
		Volume Adjustmet	Switching between Loud / Medium / Soft / OFF with SW by setting from Web Browser	Sound Volume Adjustment with analog Vol. Setting from Web Browser	Switching between Loud / Soft / OFF with SW	Switching between Loud / Soft with SW	Switching On / OFF with slide SW. Switching Loud / Soft with SW. Switching Loud / Soft with Sound Reduction Sheet
	Control	SOCKET	BUSY Output	-	0	-	-
			HTTP Command	0	0	-	-
Modbus / TCP			0	-	-	-	
SNMP SET Command			-	0	0	-	
Others		PHN Command	0	0	0	-	
		PNS Command	0	0	0	-	
		RSH Command	-	0	0	-	
		PHU Command	-	-	-	-	0
Software Library (DLL)		-	-	-	0	-	
Contact Input & Output	Digital Input	4 (*2)	4	-	-	-	
	Digital Output	-	1	-	-	-	
Mounting	Direct mount		0	-	0	-	
	Stationary		0	0	0	0	
	Wall Mounting	When using SZK-003 W (sold separately) or NH- WST2 (sold separately)	When using NH-WST2 (sold separately)	When using NH-WST (sold separately)	When using SZP-004W, POLE-100/300/800A21, SZ-010 or SZ-016A	-	
	Partition Mounting	-	-	When using NH-PST (sold separately)	-	-	
	Pole Mounting		-	-	-	0	
	Configuration Setting		Reading	0	0	-	
Others	Writing		0	0	-		
	WEB Browser Setting		0	0	-		
	Utility Software		EDITOR for LA Series	0	0	-	
	RoHS		0	0	0	0	
Conformity Standards	CE Mark Compatible		0	0	0	0	
	EMC	EN 61000 6-4 EN 61000-6-2 EN55032 Class A EN 55024	EN 55032 EN 55024	EN 55032 EN 55024	EN 61000 6-3 EN 61000-6-2 EN55032 Class B EN 55024	EN 61000-6-4 EN 61000-6-2	
	FCC Part 15 Subpart B	Class A	Class A	Class B	Class B	Class A	
	UL	0	0	0	0	0	
	KC	0	0	0	0	0	
	Rated Voltage		48V DC (PoE) / 24V DC	24V DC	24V DC	USB bus power 5V DC	Main Unit: 24V DC USB bus power: 5V DC
Outer Dimension (mm) W x D x H		428 x 145 x 145 (stationary) 405 x 60 (direct mounting)	NHP: 113 x 154 x 336 NHL: 113 x 154 x 336	NHP: 69 x 126 x 324 NHL: 69 x 126 x 324	60 x 60 x 199 (3 Tiers type)	100 x 117 x 281.5	
cUL or CSA		0	0	0	0	0	

		NBM-D88NN	PHC-D08N
		Interface Converter	Interface Converter
Input Interface		Ethernet	RS-232C / USB
Monitor	PING	Monitoring Node #	24 Nodes
		Abnormality Determination # Setting	0 - 30
		Transmission # Setting	1 - 3
		Cycle Setting	1 - 600 Seconds
	SNMP	TRAP Reception	64 (4 cases x 16 groups)
		Variable-Bindings Judgement	0
Application Monitoring		0	-
Notify	SOCKET	Send to	8 Cases
		POP Recognition	0
		SMTP Recognition	0
	RSH Command Transmission	8 Cases	-
Control	SNMP	TRAP Transmission	8 Cases
		HTTP Command	0
	RSH Command	0	
	SNMP SET Command	0	
Mounting	SOCKET	PHN Command	0
		PNS Command	0
Stationary		0	0
Rack Mounting		0 (When using NBM-ANG [sold separately])	-
Contact Input & Output	Digital Input		8
	Digital Output		8
	Digital Input Detection Function	ON / OFF Operate Independently	0
		Digital Output ON Control	0
Digital Output OFF Control		0	
Others	Configuration Setting	Reading	0
		Writing	0
WEB Browser Setting		0	-
Conformity Standard	RoHS		0
	CE Mark Compatible		0 (without AC Adaptor)
	EMC		0 (EN 55032, EN 55024)
	FCC Part 15 Subpart B		Class A
	UL		0
KC		0	
Rated Voltage		Main Unit: 24V DC AC Adaptor: 100V AC - 240V AC (ADP-001)	Main Unit: 24V DC USB bus power: 5V DC AC Adaptor: 100V AC - 240V AC (ADP-001)
Outer Dimension (mm) W x D x H		262 x 124.5 x 42	117 x 100 x 28
cUL or CSA		0	0

\*1 Only between 13 - 24 nodes.

\*2 Contact input detection function can be used only when using command control method. Please see the web manual for details.