SMART MODEL

Signal Tower LA6 Series

The first PC programmable Signal Tower with unlimited possibilites

Smart Signal Tower
DC24V/5 Tier Type
LA6-5DWJUN-RYGBC

AC 100-240/5 Tier Type
LA6-5AWJWB-RYGBC

11 Sounds | Open Collector | LED 21 Color | IP65 | IP54 (Buzzer) | 85 dB at 1 m | ϕ60mm

Buzzer Type

Smart Signal Tower with PoE
Direct Mount Type
LA6-5DTNWB-POE

StationaryType w/ "CLEAR" Switch
LA6-5DSNWB-POE

Easy WEB | PoE | Mirroring | Modbus/TCP | Socket | Ethernet | 85 dB at 1 m | 11 sounds | LED 21 Color | IP54 (Direct Mount) | ϕ60mm

Stationary Type

What's LA6?

A smart signal tower with an Embedded CPU that can be programmed to display process information such as cycle time, level control, etc.

Setup made easy with included software
- DISPLAY TIME
- DISPLAY COLOR
- OPERATING MODE

WD-Z2 Series

Wireless Data Acquisition System for PATLITE Signal Towers

Wirelessly acquire equipment data to improve production efficiency

LR5 Model: WDT-5LR-Z2
LR6 Model: WDT-6LR-Z2

Receiver
WDR-LE-Z2

- Ethernet connectivity
- USB powered/controlled

Signal Chain Software

LE Model: WDT-5E-Z2
LME Model: WDT-6M-Z2

Signal Chain software is not a product of PATLITE Corporation

NHL Series

Monitoring Functions

PING Monitoring

Monitor up to 24 nodes when monitoring critical status information. When an abnormal condition occurs in monitored equipment, it is detected and administrators are promptly warned with light and sound.

TRAP Monitoring

With the TRAP Monitoring function, the NHL alerts administrators to any equipment abnormalities within the IP network that uses SNMP.

It can distinguish the variable-bindings

Application Monitoring

Monitor important background applications and signal the administrator upon any detected abnormalities.

Self-diagnosis Function

For peace of mind, manually test operation functions with the conveniently located test button.

Communication Commands

RSH

Controllable with RSH

The NHL is easily controllable by Remote Shell (RSH) commands, which is a flexible protocol.

SOCKET Transmission

PHN Command Compatibility

Controlled with 2 bit commands.

PNS Command Compatibility

The PNS command is a unique command from PATLITE

Control all pattern information by using the PNS commands.

LA6 - POE

Modbus/TCP Communication

The LA6-POE can be controlled with widely used Modbus/TCP protocol commands.

Mirroring Feature

The LA6-POE can mirror the status of up to 8 remotely located LA6-POE devices

PoE Supported

PoE(Power over Ethernet)
This unit can be easily powered using the standard 48V PoE or by supplying 24VDC power directly to the terminal.

LAN

Interface Converters

USB Bus Powered

Power and operate it through a USB connection.

USB Bus Power

Condition Setting Functions

IN | OUT

Duration | No. of Times | AND

Set it up with a digital input to detect a condition.

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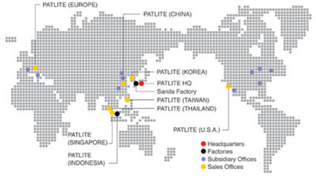
As a global company, we offer our products and support worldwide.



PATLITE ECO PROJECT
For the benefit of mankind and the earth, Patlite is committed to developing environmentally friendly products.

⚠ 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-AF04A | EN | 1704 A | PLUS-1706A

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PATLITE®
New Frontiers in Safety, Security and Comfort.

IoT SOLUTION

NETWORK PRODUCT CATALOG

www.patlite.com

Signal Tower NHL Series

Network Monitoring Signal Tower with MP3
NHL-3FV1N

- Features MP3 voice messages
- Contact input/output loads
- Actively acquire equipment status

Easy WEB | PING | E-MAIL | SNMP v1·v2c | RSH | SLMP | Socket | Ethernet | MP3 | 88 dB at 1 m | 10 Sounds | 60 Messages | 4 Inputs | 1 Output | Line out | ϕ60mm

LAN
Signal Tower

Wall-mount Bracket
NH-WST2

Network Monitoring Signal Tower
NHL-3FB1

- Designed to blend well in office environments
- LED luminescence with 2 different flashing patterns
- Four Buzzer Sounds

Easy WEB | PING | E-MAIL | SNMP v1·v2c | RSH | SLMP | Socket | Ethernet | 80 dB at 1 m | 4 Sounds | ϕ60mm

LAN
Signal Tower

Wall-mount Bracket
NH-WST

Partition-mount Bracket
NH-PST

Interface Converter

Signal Tower Interface Converter
PHE-3FB2

USB Bus Power | RS232C | 80 dB at 1 m | 4 Sounds | ϕ80mm

USB
Signal Tower

USB Controlled Signal Tower
LU7-USB

USB Bus Power | 80 dB at 1 m | 5 sounds | IP65 | ϕ70mm | Ivory (White) | Black

USB
Signal Tower

Smart Interface Converter
NBM-D88NN

Easy WEB | PING | E-MAIL | SNMP v1·v2c | RSH | Socket | Ethernet | 8 Inputs | 8 Outputs | DC24V Output

LAN
Relay

USB Interface Converter
PHC-D08N

USB Bus Power | RS232C | 8 Outputs | DC24V Output

USB
Relay

FROM THE FACTORY TO THE OFFICE

IoT SOLUTION

Visualize Work Progress

Work progress can easily be assessed with the LA6 Series' programmable internal timer.

LA6 Series

Remainder 15 min.

Reduce variation loss by visualizing work progress

Display remaining work time with the number of tiers.

25min. remain | 15min. remain | 5min. remain

MANUFACTURING SITE

Wirelessly Acquire Equipment Data

Attach our transmitters to existing PATLITE Signal Towers to wirelessly collect equipment data. The software can organize the collected data and improve productivity and efficiency, reduce bottlenecks, etc.

WD-Z2 Series

Use gathered data from operating equipment to generate various required graphs including Gantt charts.

WDT

Wireless Communication

WDR

HSST-3M2

PRODUCTION LINE

Optimize Product Picking

Location of products to be picked can be seen at a glance by connecting various devices to a picking system.

Understood at a glance.

LU7-USB

PHC-D08

RHE

LU7-USB

PHE-3FB2

Red : 1st Shelf
Amber : 2nd Shelf
Green : 3rd Shelf

PARTS WAREHOUSE

FACTORY OPERATIONS

Security Camera System Fault Detection

Monitor surveillance equipment in order to quickly respond to failures and abnormalities.

● Surveillance Camera A ● Surveillance Camera B ● Camera Monitoring Room

Camera failure

Temperature too high

Mail Server

E-mail notifications are sent during recorder failure

NHL Series

NBM-D88

SURVEILLANCE CAMERA A

SURVEILLANCE CAMERA B

CAMERA MONITORING ROOM

Network Existing Equipment

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

● Manufacturing Site ● Administration Office

Emergency Detected

Interface Converter NBM-D88

Connection

Network Monitoring Signal Tower NHL-FB1

LAN

Send E-mail!

Internet

On-site Manager

Let's hurry back to the site.

Equipment Manager

I will check the situation.

Emergency Detected

NBM-D88

NHL Series

LFH

EHS/EHV

LED Signal Light LFH

MP3 Melody/Alarm Horn EHS/EHV

SERVER ROOM

Remotely Monitor Server Errors

Be notified immediately of server errors or failures with light, alarm or remotely by e-mail.

● Server Room ● Office

Server NAS UPS, etc.

Server Error Occurance

Server Error Occurance

E-mail

SNMP

LAN

PING

Monitor equipment with PING Monitoring

NHL Series

FACTORY OFFICE

Communicate Across Multiple Locations

The LA6-POE is capable of mirroring other LA6-POE devices over an Ethernet connection. By utilizing this function, equipment information is visually communicated in other remote locations.

LA6-POE

● Factory Office ● Manufacturing Site

Command

PoE HUB

Monitor RFID PC Bar Code

CUSTOMER SUPPORT

Notify Remote Personnel in Real-time

Create a smoother, more efficient customer service experience by notifying remote administrators of status in the call center.

● Customer Support Center ● Home Office

I am on a call but need support.

Command Transmission

Call Center 1 needs support.

NHL-FV1

COLOR Definition

NORMAL Operation GREEN Light

IMPORTANT Call AMBER Light + SOUND

CALL SUPPORT RED Flashing + SOUND

NHL Series

PRINTING ROOM

Notify Personnel of Equipment Status

Improve company efficiency by informing personnel of printing completion, out of paper or ink, breakdowns, etc.

● Administration Office ● Printing Room

Print Command Executed

The Signal Tower is triggered when the printer has started printing

Printer is out of paper

E-mail

The printer's information is actively collected

NHL-FV1