

PATLITE®

DIGEST CATALOG



#1 Global Share
in Signaling Devices

※ 2023, Global Info Research

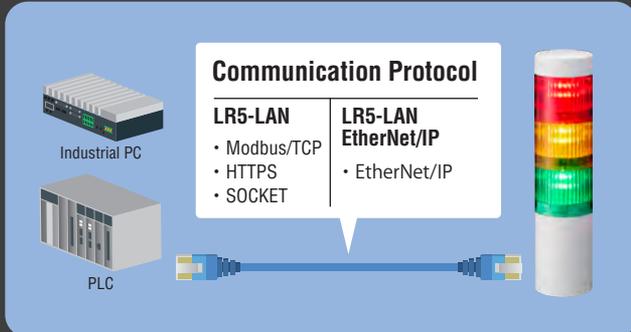
www.patlite.com

Featured Models

LR5-LAN LR5-LAN EtherNet/IP



Use simple Ethernet protocols for easy operation.



Direct LAN connection from Industrial PC's/PLC's makes for easy signaling configurations.

Automotive Manufacturing Equipment



Semiconductor Manufacturing Equipment



WIO Series



*Excluding WIO-BIS-001

Φ60mm Bluetooth 5.0 Radiowave Distance 100m

Transmitter 7 Input Receiver 6 Output FCC



Easily add LED Units



INPUT

Switches, Relays, and more



OUTPUT



WD Series

Predictive Maintenance | Detailed Downtime Analysis | Mitigate Bottlenecks
OEE Improvement | Plant-wide Visibility

Wireless Data Acquisition System WD Series and LR Series

The WD Series is an add-on solution for select PATLITE Signal Towers enabling wireless data acquisition and real-time monitoring.



WD Series



WD PRO Series (More data points than WD series)

WD PRO Series availability varies by country. Please consult PATLITE for more product details and availability information.



Network Products

Network Signal Tower

NHV/NHB



Φ40mm	Φ60mm	IP v6/v4	HTTPS HTTP	SSH RSH
SNMP v3/v2c/v1	PING 24	AWS/Azure	OAuth 2.0	Send E-mail
RJ-45	FCC			

NHV type only features

MP3	Text to Speech	88 dB at 1 m	Detect E-mail
Digital Contacts 4 Input 2 Output	PoE		

PoE : Power over Ethernet

*Without the AC Adaptor



Voice type

- NHV (Voice-enabled)
- NHV-D (Voice-enabled, Digital IO)
- NHV-DP (Voice-enabled, Digital IO, PoE)

Buzzer type

NHB

LA6-POE



Φ60mm	IP54 *1	IP20 *2	21 Colors
11 Sounds	85 dB at 1 m	HTTPS HTTP	Modbus/TCP
PoE	LAN	FCC	

*1 Direct Mount *2 Desktop type

PoE : Power over Ethernet



21 colors

WE-LAN



W90mm D37.5mm	IP23	9 Colors	7 Sounds
88 dB at 1 m	HTTP	Modbus/TCP	SOCKET
LAN	FCC		



9 colors

Signal Beacons

Signal Beacons



SL

SL08 Φ80mm	SL10 Φ100mm	SL15 Φ150mm
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Select from 3 light patterns

Continuous	Blinking	Triple Flash
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SF

SF08 Φ80mm	SF10 Φ100mm
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Select from 22 light patterns

Rotating • 60rpm • 120rpm • 180rpm	Flash • Single • Double • Triple	Pulse Dimmed Half-side
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SK

SKS Φ80mm	SKH Φ100mm	SKP Φ150mm
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Rotating 120rpm



RLR

Φ162mm	IP66	LED	105rpm
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*1 RLR-M2 not CE or UKCA compliant



LFH

Φ100mm	IP66	LED	Triple Flash
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*1 LFH-S/LFH-48 and AC type not CE, UKCA or FCC compliant

*2 LFH-S or AC type not UL Certified



*1 Manufacturer specified value *2 Terminal Block Type
*3 When used with rubber-mount (sold separately) *4 SL08/SF08: 86dB

USB Signal Tower

LR5-LAN



- Φ50mm
- IP65 *
- 4 Sounds
- 85 dB at 1 m
- Modbus/TCP
- SOCKET

* IP54 for Pole Mount

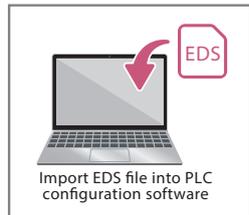


LR5-LAN EtherNet/IP



- Φ50mm
- IP65 *
- 4 Sounds
- 85 dB at 1 m
- EtherNet/IP

* IP54 for Pole Mount



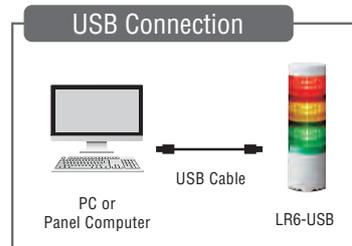
Import EDS file into PLC configuration software



LR6-USB



- Φ60mm
- IP65
- 5 Sounds
- 80 dB at 1 m
- DLL
- FCC
- USB Bus Power



PHE-3FB3



- Φ40mm
- 4 Sounds
- 80 dB at 1 m
- RS-232C
- FCC
- USB Bus Power



NE-IL



IO-Link



- Φ56mm
- IP65
- 88 dB at 1 m
- Touch Sensor
- 1 Analog Input
- 1 Digital Input
- M12
- NEMA 4X/13

7 colors in one unit



NE-A



Multi-color

- Φ56mm
- IP65
- 88 dB at 1 m
- IP67 (M1ANN)
- Touch Sensor
- Cable 2m
- NEMA 4X/13

Mono-color

- Φ56mm
- IP65
- Screwless Terminal Block
- NEMA 4X/13



Standard With Alarm With Alarm and Touch Sensor



USB Signal Beacon

NE-USB



- Φ56mm
- IP20
- IP65
- 7 Colors
- 7 Sounds
- 65 dB at 0.5 m
- 85 dB at 1 m
- Touch Sensor
- FCC
- USB Bus Power



ST/SN type WT/WN type



Magnet Mounting (ST/SN type)

7 colors in one unit



Programmable Model

Slim Towers

Unique Design Models



LA6



- Φ60mm
- IP65
- IP54 (Alarm)
- 21 Colors
- 11 Sounds
- 85 dB at 1 m
- Open Collector
- Single Display
- Time-trigger
- Pulse-trigger
- FCC.



Off-white / Silver

*for 24VDC type

MP-B

- 1 Sound
- 80 dB at 1 m



ME-A

- Φ25mm
- IP42
- NPN Open Collector



MP

- Φ30mm
- IP65
- M-12 Connector
- *MP-C type
- Open Collector



Wall Mount WE

- W90mm D37.5mm
- IP65
- IP54 *
- *with Buzzer
- 2 Sounds
- 90 dB at 1 m
- Open Collector



Light gray / Silver

Wall Mount WME-D

- W70mm D80.2mm
- IP54
- 2 Sounds
- 93 dB at 1 m
- Open Collector
- FCC



Off-white

Audible Products

BSV/BSV-L



- MP3
- IP54
- 87 dB at 1 m
- 63 second Playback BSV
- 520 second Playback BSV-L



Off-white

Silver

Dark Gray

BK/BKV



(24V DC: CE Compliant)

- MP3
- IP54
- 95 dB at 1 m
- 63 second Playback
- NPN Open Collector



Dark Gray

Ivory

EHS/EHV



(12/24V DC: CE Compliant)

- MP3
- IP65
- 110 dB at 1 m
- 32 Sounds EHS
- 63 Sounds EHV
- 220 second Playback EHV



LKEH



(24V DC: CE Compliant)

* UL type : Special Order

- MP3
- IP53
- 32 Sounds
- 105 dB at 1 m
- 63 second Playback

LKEH-FV



IP69K Rated Signal Tower and Signal Beacon



LR6+FB295

Φ60mm	IP69K	IP67	4 Sounds
88 dB at 1 m	Modular Type	M12	FCC



Pre-assembled Model

LR10 Signal Tower

Φ100mm	Outdoor Use	IP69K	92 dB at 1 m
4 Sounds	M12	4 Flash Patterns	FCC



NE+FB295

Φ56mm	IP69K	IP67
Multi-color	M12	FCC



Warning Lights

LPT



86×28mm (LPT-1M1)	114.4×43.4mm (LPT-2M1)
LED Life 100,000 hours *	IP68
NEMA TYPE 4X,13	

*Red, manufacturer-specified value

Select from 4 light patterns

Triple Flash	Extreme Warning Flash
Continuous On	Blinking



Flashing Beacons

GL7(T)/GF7



IP69K	Vibration Resistance 110m/s ²	Impact Resistance 1000m/s ²	FCC
Triple Flash: Red *2	Double Flash: Amber *2	Slow Flash: Green *2	ECE R10

*1 Excluding GL7-M1NC1-T and GL7T-M1NC1-T
*2 Excluding GL7-M1N-Y and GF7-48N-Y



GL10



IP69K	Vibration Resistance 110m/s ²	Impact Resistance 1000m/s ²
Triple Flash: Red *	Double Flash: Amber *	Slow Flash: Green *

FCC



*13 flash patterns can be configured for CAN communication models

Explosion-proof

EDLR-E



IP66
Hazardous Area Classification Zone 1, Zone 2
Operating Temperature -20°C - +50°C



REF-E



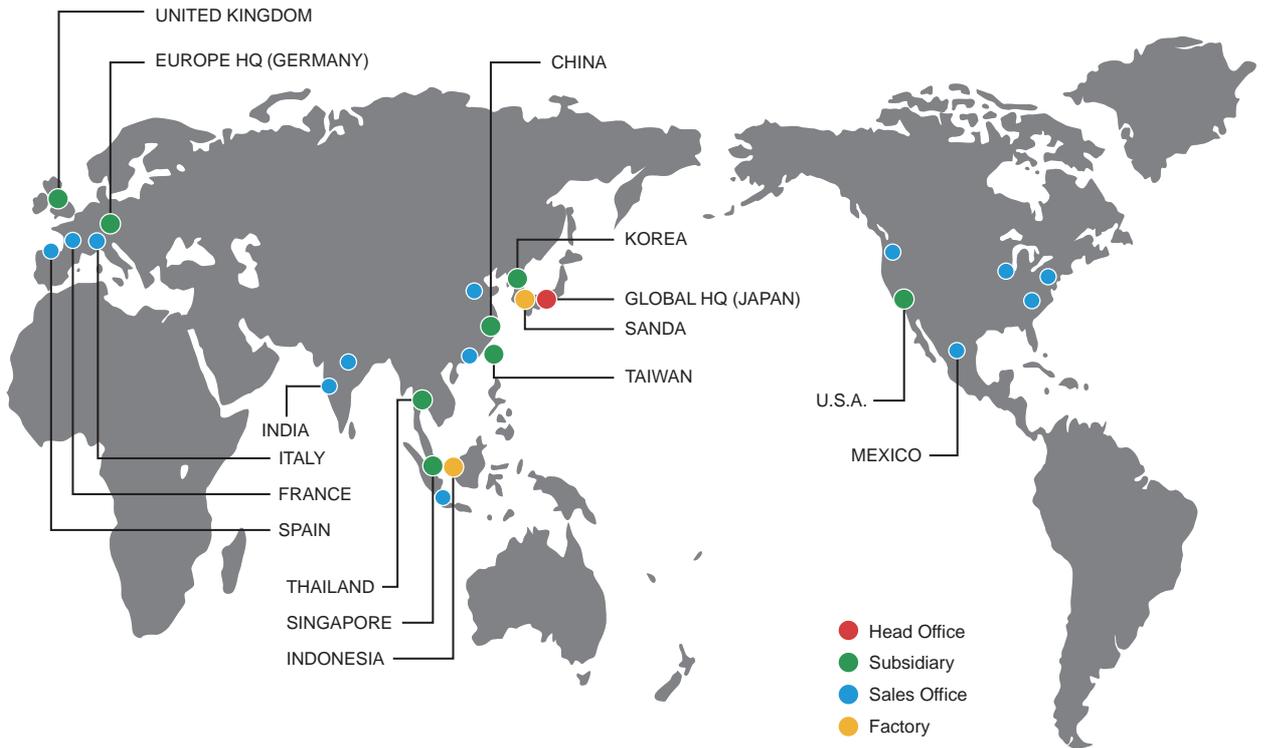
IP65
Hazardous Area Classification Zone 1, Zone 2
Operating Temperature -20°C - +55°C



IECEx - Ex db II B+H₂ T6 Gb
ATEX - Ⓜ II 2 G Ex db II B+H₂ T6 Gb



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.