QMCL-WIZ series

Wireless Multiple Color LED Steady Signal Lights

IP65 | **-30~+50°C** | **BUZZER** | **80dB** | **NPN**
RoHS | **WIRELESS**

QMCL125-WIZ

Warning/
Signal/
Stackable

Signal &
Electric Horn/
Speakers

Vessels and
Heavy-Duty
Equipment

Explosion
Proof

Warning
Light Bar

Aviation
Obstruction
Lights

Signal Tower
Lights

USB/ETN
Signal Tower
Lights

Wireless
Network
System

Electric Horn/
Speakers

Industrial
LED Lights

Common Specifications

Can remotely monitor and control the status of light units using a PC or smartphone

- Allows you to build an advanced production network system with a low cost
- Uses a Mesh Topology that operates in 2.4 GHz Short-Range wireless technology which ensures the communication reliability in harsh environments
- ※ Multi-hop function of the signaling device enables a stable long-distance communication (with up to 100M between devices)
- ※ Cost-effective by requiring no additional cable when change the layout of production lines
- Wireless communication standard : ZigBee(IEEE802.15.4)
- Can generate 7 color light signals in one light unit
- Milky translucent color when off, the soft LED illuminates designated colors when on
- Materials : Lens-AS, Body-ABS
- Ambient operating temperature : -30°C to +50°C
- Protection rating : IP65
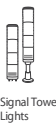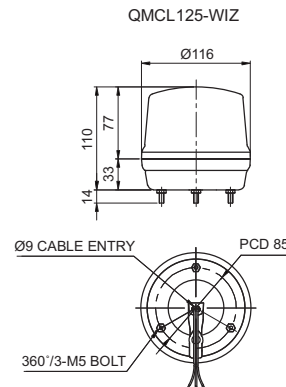- Certificates : CE Compliant
- Compliant with RoHS directive

QMCL125-WIZ Ø125mm Wireless Multiple Color LED Steady Signal Lights

Model number	Voltage	Current	Certificate	Weight	Color
QMCL125-WIZ QMCL125-WIZ-BZ	DC12V	0.300A	-	0.34kg	7 Color
	DC24V	0.200A			

Technical Diagram

(Units : mm)

QMCL125-WIZ

Ø116

110 / 77 / 33 / 14

Ø9 CABLE ENTRY   PCD 85

360°/3-M5 BOLT

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Qlightec

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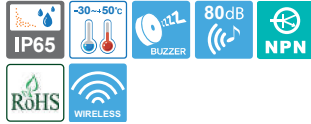
QMCL125-WIZ

USB Dongle — Suitable for single or small-scaled network Can connect up to 32 devices

Gateway — Suitable for large-scaled network One gateway unit is a single group, can connect up to 24 groups (each group can connect to 32 devices)

※ Network router is required for group communication.

Wiring Instructions

• External signal line : Signal line 4P(R,G,B,K) threading, signal line standard UL1007 AWG22(0.3sq) 400mm
• Please refer to Wiring Instructions diagram to properly configure color options

※ Please refer to page 181 for detailed wiring information.

Customization

• Wall mounting bracket options : Bracket structure allows for threading through the bracket hole or into the wall mount

Wall Mount Bracket **SWP125**   Wall Mount Bracket **SWM125**

Ordering Specification

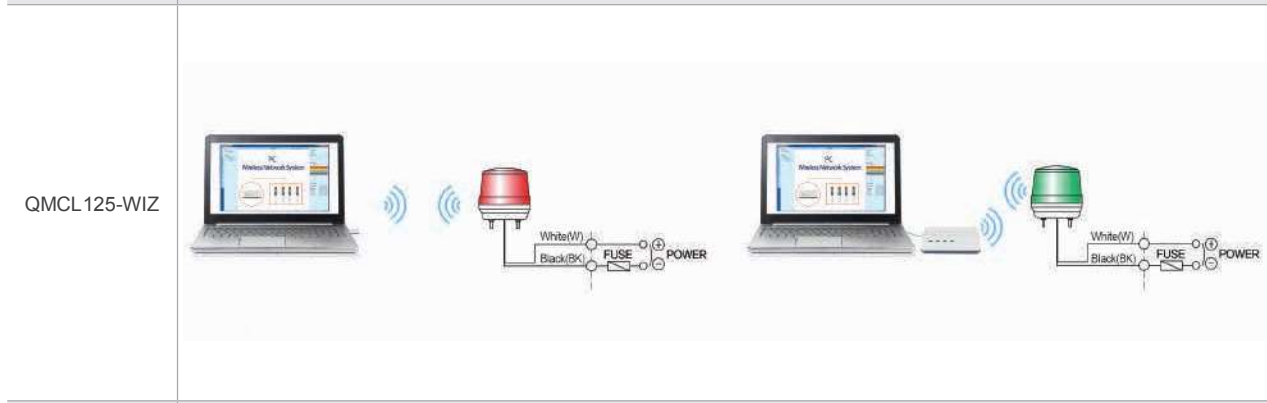| QMCL125-WIZ	–	BZ	–	24
[Model number]		[Buzzer option]		[Voltage]
• QMCL125-WIZ		• None - No buzzer • BZ- Built-in buzzer		• 12-DC12V • 24-DC24V

QMCL-WIZ series

Wiring Instructions

• Please refer to Wiring Instructions diagram to properly configure wireless network option.

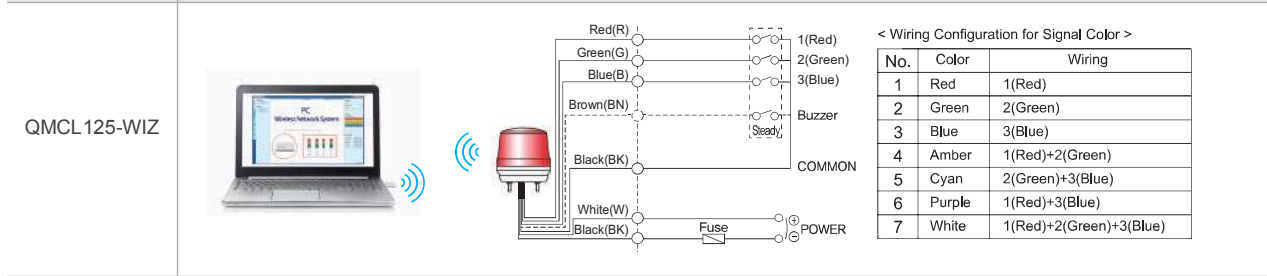| Applied products	Connection by USB
QMCL125-WIZ	

White(W)
Black(BK) FUSE POWER

Applied products	Connection by Ethernet
QMCL125-WIZ	Ethernet connection via Gateway Connection via Gateway and Ethernet Router

White(W)
Black(BK) FUSE POWER

• Please refer to below wiring Instructions diagram to properly configure external contact and transistor options.

Applied products	External Contact
QMCL125-WIZ	

Red(R) — 1(Red)
Green(G) — 2(Green)
Blue(B) — 3(Blue)
Brown(BN) — Buzzer
Steady
Black(BK) — COMMON
White(W)
Black(BK) — Fuse — POWER

< Wiring Configuration for Signal Color >

No.	Color	Wiring
1	Red	1(Red)
2	Green	2(Green)
3	Blue	3(Blue)
4	Amber	1(Red)+2(Green)
5	Cyan	2(Green)+3(Blue)
6	Purple	1(Red)+3(Blue)
7	White	1(Red)+2(Green)+3(Blue)

Applied products	External Transistor
QMCL125-WIZ	

Red(R) — 1(Red)
Green(G) — 2(Green)
Blue(B) — 3(Blue)
Brown(BN) — Buzzer
Steady
Black(BK) — COMMON
White(W)
Black(BK) — Fuse — POWER

< Wiring Configuration for Signal Color >

No.	Color	Wiring
1	Red	1(Red)
2	Green	2(Green)
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