Wireless Multiple Color LED Steady Signal Light

QMCL125-WIZ

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

QMCL125-WIZ

PRODUCT SPECIFICATION

QMCL125-WIZ
QMCL125-WIZ-BZ

Materials Lens-PC, Housing-ABS
Ambient operating temperature -30°C to +50°C
Volume Max. 80dB at 1m
Protection rating IP65
Compliant with RoHS directive

- 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 protocol : Zigbee(IEEE802.15.4)
- Can generate 7 color light signals in one light unit
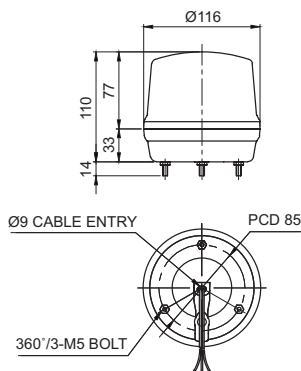- Milky translucent color when off, the soft LED illuminates designated colors when on

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

Technical Diagram

Units : mm

·**QMCL125-WIZ**

Ø116
110
77
33
14

Ø9 CABLE ENTRY   PCD 85

360°/3-M5 BOLT

QMCL125-WIZ Ø125mm Wireless Multiple Color LED Steady Signal Lights

Model number	Voltage	Certificates	Weight	Color
QMCL125-WIZ QMCL125-WIZ-BZ	DC12V / DC24V	CE FC	0.34kg	7 Color

Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V
Light source current(1 layer)	300mA	185mA
Buzzer current	70mA	40mA

Customization

· Wall Mounting bracket options : Bracket structure allows for threading through the bracket hole or into the wall mount
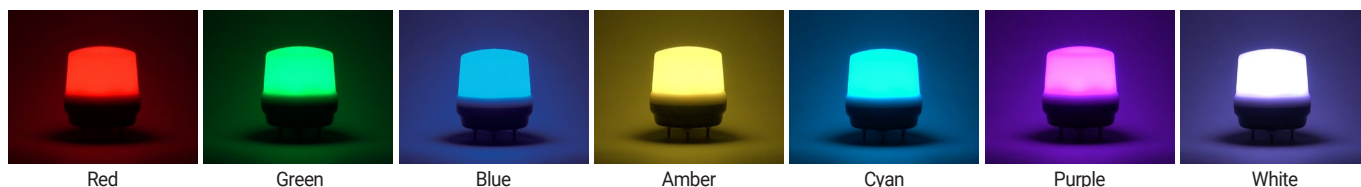
Wall mount bracket SWP125

Wall mount bracket SWM125

Ordering Specifications

QMCL125-WIZ	-	BZ	-	24

[Model number]
QMCL125-WIZ

[Buzzer]
None - No buzzer
BZ- Built-in buzzer

[Voltage]
12-DC12V
24-DC24V

Signal Color Options

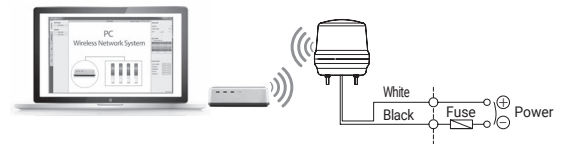| Red | Green | Blue | Amber | Cyan | Purple | White |

Wiring Instructions

· Please refer to Wiring Instructions diagram to properly configure wireless network option

Connection by USB

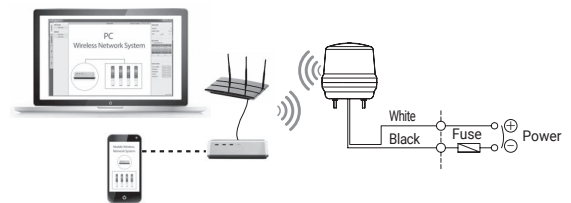Connection via USB Dongle   Connection via Gateway

QMCL125-WIZ

PC Wireless Network System

White
Black — Fuse — ⊕ Power ⊖

PC Wireless Network System

White
Black — Fuse — ⊕ Power ⊖

Connection by Ethernet

Ethernet connection via Gateway   Connection via Gateway and Ethernet Router

QMCL125-WIZ

PC Wireless Network System

White
Black — Fuse — ⊕ Power ⊖

PC Wireless Network System

White
Black — Fuse — ⊕ Power ⊖

· Please refer to below wiring Instructions diagram to properly configure External Contact and transistor options

External Contact

QMCL125-WIZ

PC Wireless Network System

Red
Green
Blue
Brown
Black
White
Black — Fuse — Power

1(RED)
2(GREEN)
2(BLUE)
Buzzer
Steady
Common

· 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)

External Transistor

QMCL125-WIZ

PC Wireless Network System

Red
Green
Blue
Brown
Black
White
Black — Fuse — ⊕ Power ⊖

1(RED)
2(GREEN)
2(BLUE)
Buzzer
Steady
Common

· 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)