

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

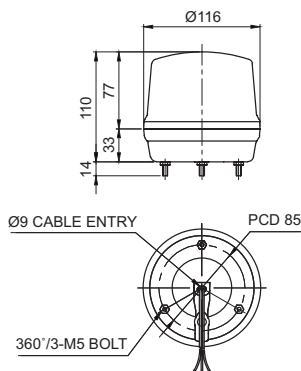
Wiring Instructions

- 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



QMCL125-WIZ Ø125mm Wireless Multiple Color LED Steady Signal Lights

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

Light source/buzzer current(based on 1 layer)

Voltage	DC12V	DC24V
Light source current(1 layer)	0.300A	0.185A
Buzzer current	0.070A	0.040A

Customization

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



Wall mount bracket SWP125

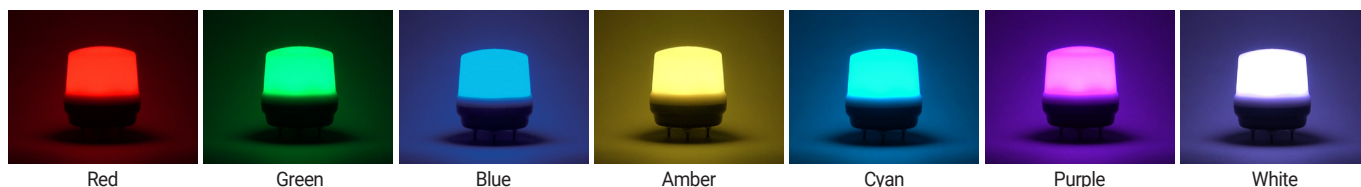


Wall mount bracket SWM125

Ordering Specifications

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

Signal Color Options





Wiring Instructions

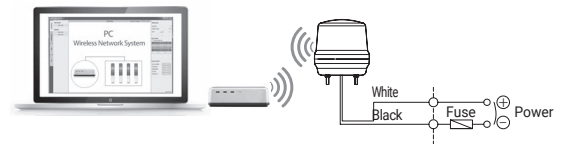
· Please refer to Wiring Instructions diagram to properly configure wireless network option

Connection by USB

Connection via USB Dongle



Connection via Gateway

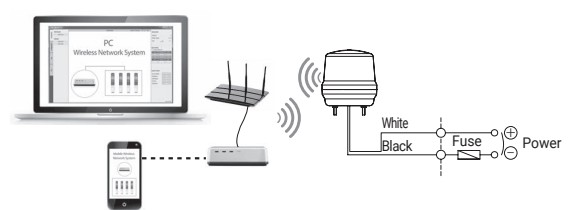


Connection by Ethernet

Ethernet connection via Gateway



Connection via Gateway and Ethernet Router



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

External Contact



· 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



· 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)