

ONN-M4B-USB LED Warning Light

Introduction:

1. With USB interface, can be controlled by computer.
2. Innovative design, three colors on a single layer.
3. Buzzer optional, volume louder than 85dB.
4. Double PC lens, soft light, better visual effect.
5. The nut is easy and convenient to install and has strong stability

Application: Automatic cash register, Inspection equipment , SMT equipment etc.

Warranty: 2 years

Certification: CE, RoHS

Ordering code:

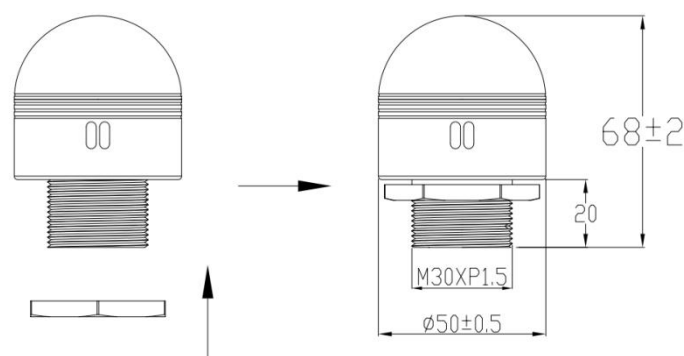
ONN - M4B - <u>D</u> <u>F</u> <u>T</u> <u>RYG- 50-USB A</u>						
	1	2	3	4	5	6
1. Voltage	D: DC 5 V					
2. Function	B:steady F: steady with buzzer S: red flash C: red flash with buzzer E: all flash with buzzer					
3. Connect type	T: PNP&NPN					
4. Color	R:Red Y:Yellow G:Green					
5. Diameter	50: ϕ 50mm					
6.Style	USB-A , USB-B (control instructions different; Refer to the code below the specification sheet.)					

Parameter:

Full Power	3W
Input voltage	DC5V
Input current	60-500mA
Working Temperature	-20~45℃
IP rating	IP53
Buzzer volume	>85dB
Material	PC lens and ABS body
Lifetime	50,000 hours
Installation	Fixed by screw or bracket



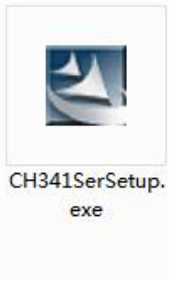
Dimension(mm):



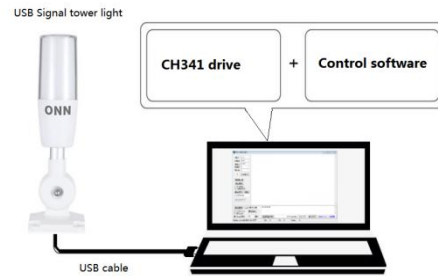
Operation:

1. Install CH341 drive

Download and install CH341 drive



2. Connect the lamp and computer by USB cable



3. Use software to send instruction (9600 Baud, hexadecimal) to control lamp.

USB-A Control instruction:

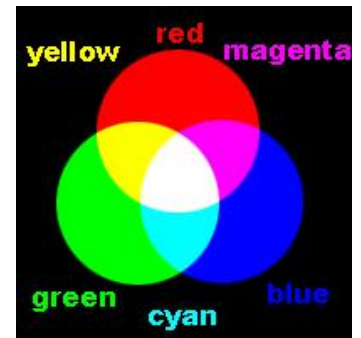
HEX Group 1	HEX Group 2	HEX Group 3	HEX Group 4	HEX Group 5
Start	Lighting Mode	Buzzer Mode	Flash Frequency	End
0xFF	0x02	0x01	0x01	0xAA

e.g.: FF 02 02 01 AA → Green light with buzzer, steady on and not flashing.

HEX Group 2	Lighting Mode
0x01	Light off
0x02	Green light
0x03	Blue light
0x04	Red light
0x05	Cyan light
0x06	Yellow light
0x07	Magenta light
0x08	White light

HEX Group 3	Buzzer Mode
0x01	Buzzer off
0x02	Buzzer on

HEX Group 4	Flash Frequency
0x01	No flash
0x02	Flash 0.85s/ time
0x03	Flash 1.7s/ time
0x04	Flash 2.5s/ time



Steps:

1. Plug the light into the USB port
2. Check My Computer-right-click Management, System Tools-Device Manager, double-click the port (COM and LPT), and view the COM serial port number
3. Open the USB three-color light debugging driver-comassistant.exe
4. Select the COM serial port (whatever the COM number you checked in the first step is what you choose here), the serial port baud rate: 9600, 8 data bits, 1 stop bit, and no parity bit.

Check the hexadecimal system, copy the corresponding code above into the blank area (note that there are spaces in the middle of each group of hexadecimal systems), click Manual Send to control the color and buzzer

5. After the test is OK, close the software and unplug the USB

For example: send: FF02 01 01 AA

USB-B Control instruction:

HEX Control Code	Working Mode
A0 01 01 A2	Red Light On
A0 01 01 B3	Red Light Flashing
A0 01 00 A1	Red Light Off
A0 03 01 A4	Yellow Light On
A0 03 01 B5	Yellow Light Flashing
A0 03 00 A3	Yellow Light Off
A0 02 01 A3	Green Light On
A0 02 01 B4	Green Light Flashing
A0 02 00 A2	Green Light Off
A0 04 01 A5	Buzzer On
A0 04 01 B6	Buzzer Intermittent
A0 04 00 A4	Buzzer Off

- 1.Plug the light into a USB port.
- 2.Open My Computer → Right-click Manage → Select System Tools → Device Manager → Double-click Ports (COM & LPT) to check the COM port number.
- 3.Open the USB three-color light debugging driver - commassistant.exe (Other serial port debugging tools can also be used).
- 4.Select the COM port (matching the number checked in Step 2). Set the serial port parameters: Baud rate 9600, Data bits 8, Stop bit 1, No parity. Check Hexadecimal, send the corresponding code (with spaces between each group of hexadecimal codes) to the blank area, then click Send to control the color and buzzer. (In practical applications, customers can develop a custom serial port tool to send codes automatically for desired effects.)
- 5.After testing, close the software and unplug the USB.

Note: Each color status can be controlled independently. After sending a control signal, a light-off signal must be sent again to turn off the corresponding color. The flashing frequency of all colors and the buzzer is once per second.

Package info.:

Item No.	Qty/carton	Carton size	Total NW.	Total GW.
ONN-M4B-USB	72 pieces	450*265*345mm	13kg	11kg

