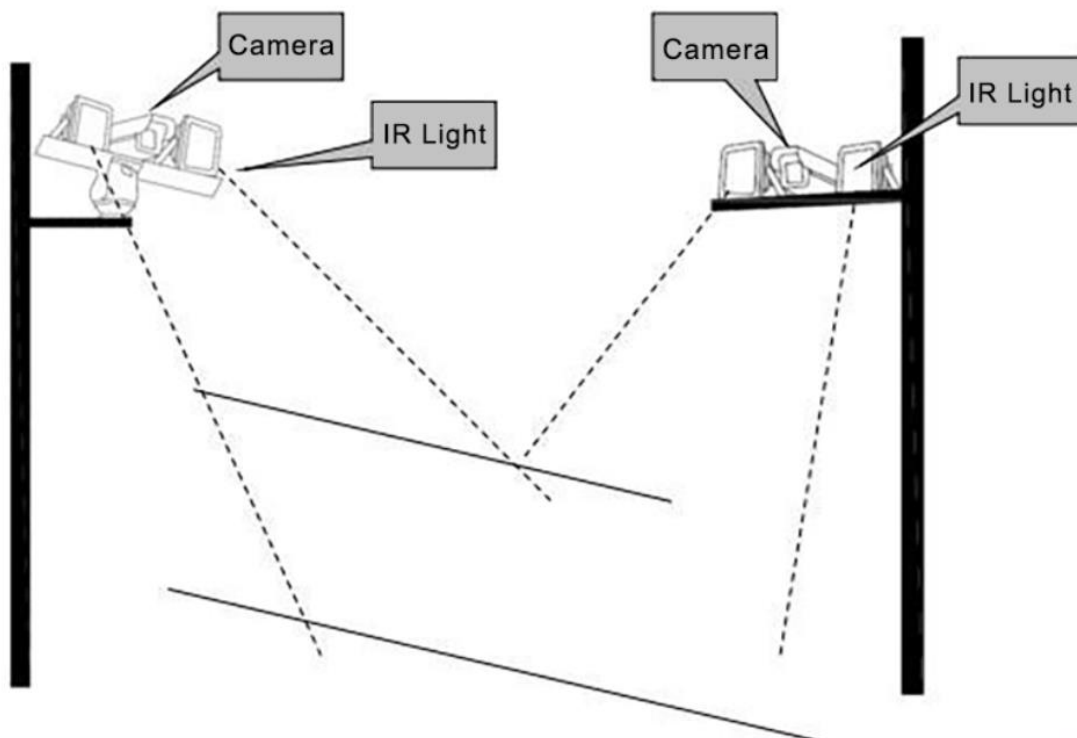


Operating Manual

In order to use the product performance better, please read the following product technical specifications

Installation method:

1. Install beside the camera (up, down, left and right) as shown in the following figure:



Declare

Before using this product, be sure to carefully read the relevant information in the user manual. Be sure to place this manual in a convenient place near the product, so that users can keep abreast of important operation steps and safety information!

The content of this manual does not need to notify the user in advance. The products provide accurate and reliable information for this manual, but it does not guarantee that due to the user's misunderstanding or misoperation due to third-party factors, the products would not bear any responsibility for the losses caused thereby.

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Copyright Statement

The contents of this manual belong to our products, and it is forbidden to copy, disseminate and store them in any form without authorization.

I. Introduction

Accurate constant current drive power supply enables LED to play its better characteristics

II. Technical Specifications

1. Working voltage: DC12V2A
2. Working mode: light control photosensitive switch control (optionally no light control).
3. Mounting bracket: Universal U-shaped bracket.
4. Environmental temperature: -40°C to + 55°C
5. Protection grade: IP65-66
6. Color: gray (white)
7. Panel: tempered glass
8. Protective cover: molded aluminum shell

III. Basic Product Parameters

1. Infrared light: LED array light (850nm-940nm) Optional
2. Laser (850nm-940nm)
3. Beam angle: 90°- 9° (optional) 4.8°- 30° (optional)

Product parameter	Angle (°)	Corresponding lens	Product parameter	Angle (°)	Corresponding lens
6pcs (2 laser + 4 lattice) 850nm 6pcs(LED lattice) 850nm/940nm Power: 12W-18W optional Shell size: 115*85*90mm 	90	4mm	8pcs (2 laser + 6 lattice) 850nm 8pcs(850nm/940nm) lattice light Power: 16W Shell size: 135*115*40mm 	90	4mm
	60	6mm		60	6mm
	45	8mm		45	8mm
	30	12mm		30	12mm
	15	16mm		15	16mm
	9	25mm		9	25mm
15pcs (5laser+10 lattice) 850nm (7laser+8 lattice) 850nm/940nm Power: 30W-45W optional Shell size: 180*140*100mm 	90	4mm	4pcs laser (850nm) 1 laser + 3 lattice (850nm) 4pcS(LED lattice)850nm/940nm Power: 12W Shell size: 80*65*120mm 	90	30
	60	6mm		60	15
	45	8mm		45	10
	30	12mm		30	7
	15	16mm		15	4.8
	9	25mm			
6pcs (laser) 850nm Power: 6W-18W optional Shell size: 115*85*90mm 	45	30	16PCS (6lasers + 10 lattice) 16PCS (lattice) 16PCS (4 lasers +12 lattice) 850nm (940nm) Power: 32-48W Shell size: 160*100*55mm 	90	4mm
	30	15		60	6mm
	15	10		45	8mm
	7	7		30	12mm
		4.8		15	16mm

IV. Operation Manual

1. As the light has glass fittings, please handle it with care and do not press it heavily during handling and storage.
2. Through the mounting hole position on the product mounting bracket, the mounting rod or mounting surface can be directly fixed with screws.
3. After fixing the product, the screw cap can be loosened, and then the angle of the bracket can be changed, which is equivalent to adjusting the installation angle of the light to keep the same angle as that of the camera.
4. When installing lights and lanterns, the wiring and wiring shall be closed to prevent leakage.
5. When receiving electricity, corresponding water leakage prevention measures must be taken.
6. The light shall not violate any fire prevention regulations when used.
7. Please find an electrician for installation.

V. Maintenance Warranty Description:

1. Please make sure that the power has been cut off before maintenance.
2. Clean the glass of the light regularly to maintain good light transmittance of the light.
3. Clean the dust on the shell and radiator of lights regularly to maintain good heat dissipation performance.
4. Be careful not to clean with water or corrosive solution. It is better to clean with dry cloth.
5. Please pack and transport the products for repair properly. Our company will not be responsible for any damage or loss during transportation.
6. During the warranty period, the Company has the right to refuse service or charge material service fees as appropriate in case of any of the following events.
 - ① Product failure or damage caused by improper use by users.
 - ② Accidents of burning caused by electric shock or improper installation.
 - ③ Damage caused by dismantling and repairing by non-maintenance service providers.
 - ④ The product label is damaged.

Please do not disassemble without authorization. This product is waterproof and moisture-proof. After disassembly, it will not be waterproof and moisture-proof. If the product fails due to unauthorized disassembly, it will not be guaranteed.