

LONG DISTANCE IR ILLUMINATOR - VVK-IB120

Key Features

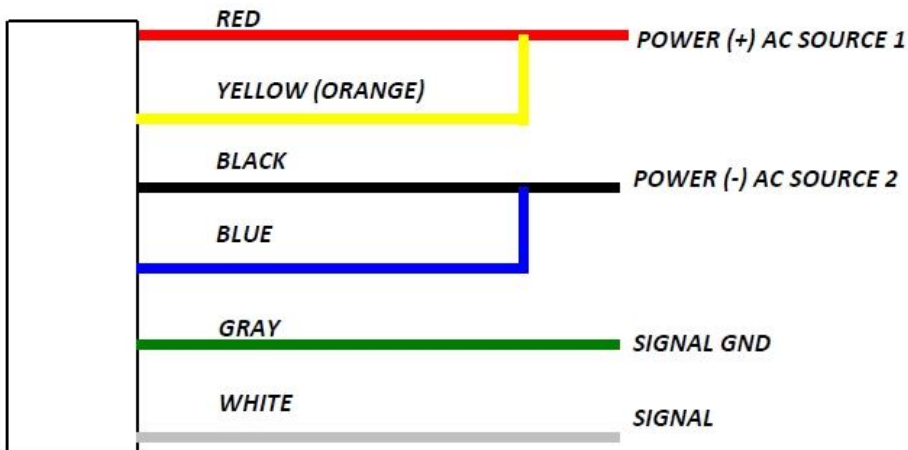
- **HIGH Sensitive Professional LEDs**
- **100m IR Distance at the Low Light Condition**
- **IR Sensitivity Level by Volume**
- **Low Power Consumption**
- **DC 12V and AC 24V Dual Power Operation**
- **Built-In 25mm Size IR LEDs of 8pcs & 10mm Size IR LEDs of 6pcs**



Photo

MODEL	VVK-IB120
LED Specification	850nm 50 Degree 25mm Super IR LED With Collimator X 8pcs 30 Degree 10mm IR LED X 6pcs
IR Beam Distance	Max. 100m(Outdoor)
Product Life Time	20,000 Hours
Power Source	12V DC(2.5A Min) & 24V AC(1.2A Min)
Power Consumption	Nominal 20 Watts(1.6A / 12V)
Output Terminal	0.7m(about 2.5ft) DIY cable
IR Option	IR Sensitivity, IR ON / OFF Mode Selection, External Sync.
CDS Sensitivity	By Volume On the Back Side
IR ON/OFF Mode Selection	By Switch On the Back Side
Operating Temperature	-13F ~ 104F(-25 °C + 50 °C)
Storage Temperature	-22F ~ 140F(-30 °C + 60 °C)
Operating Humidity	Up to 85%RH
Dimension	110mm(W)×110mm(H)×155mm(D)
Material	Aluminum Casting / Extrusion
Weight	Approx. 1800(g)

*** How to setup dipswitch and signal wire**

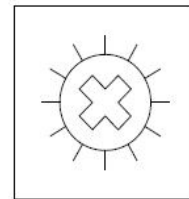
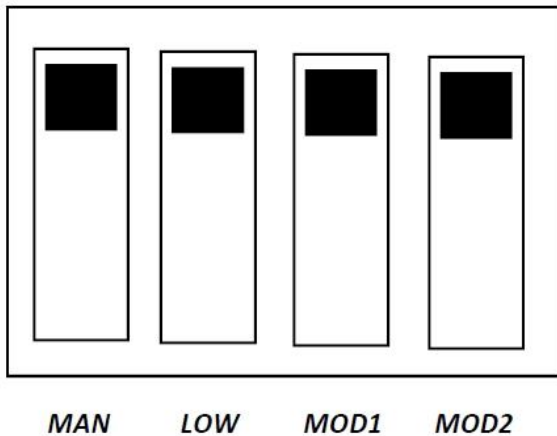


RED + YELLOW - POWER DC12V(+) OR AC24V SOURCE

BLACK + BLUE - POWER DC12V(-) OR AC24V SOURCE

GRAY - SIGNAL GND

WHITE - SIGNAL



CDS Sensitivity Adjustment

AUTO - CDS works ON/OFF automatically by sensing external illumination at AUTO mode.

CDS ON at 4lux, OFF at 9lux

MANUAL + HIGH - On/OFF control by signal wire WHITE + GRAY wire connected = ON, disconnected = OFF

MANUAL + LOW - On/OFF control by signal wire WHITE + GRAY wire connected = OFF, disconnected = ON

MOD1, MOD2: The function S/W which it doesn't use

· Option_Bracket

