

1.0 Manufacturer

MERIT LILIN ENT. CO. LTD
 No.20, Wu-Kong 6 Rd.,
 Wu-Ku Industrial Zone Wu-Ku Hsiang,
 Taipei Hsien,
 Taiwan R.O.C.

Manufacturer shall warrant IM05108 to be free from defects in material and workmanship for three years from the installation date.

2.0 Description

IM05108 is an 850nm wave length infrared illuminator which provides infrared light to the distance up to 250M for cameras. IP67 rating of IM05108 allows outdoor use. IM05108 is adjustable for its infrared LEDs radiant distance and able to interface with cameras for synchronized video and infrared signals.

3.0 General Specifications

IM05108 shall provide 250M infrared radiant distance at 10 degrees infrared beam angle with 850nm infrared wave length.

IM05108 shall equip 24 infrared LEDs.

IM05108 shall be able to adjust infrared LEDs radiant distance within the range of 21W to 42W consumption.

IM05108 shall be controlled by light sensor with adjustable control point.

IM05108 shall comply with IP67 rating.

IM05108 shall be equipped by aluminum housing for heat sink.

IM05108 shall be able to operate at the temperature range, -20°C ~ +50°C (-4°F ~ +122°F).

IM05108 shall be able to use (connect to) a light sensor on a camera via day/night output.

4.0 Minimum Performance Specifications

INFRARED ILLUMINATOR

	IM05108
Power Input Voltage	AC100~240V
Beam Angle	
Maximum Radiant Distance	250M
Infrared LED	
Wave Length	850nm
Quantity	24 Units
Power	Adjustable From 21W to 42W
Power On	Sensor Auto Control, Adjustable Control Point
Day/Night Output Voltage	DC5V / DC0V
IP Rating	IP67
Mounting	Ceiling & Wall
Housing	Aluminum & Polycarbonate
Maximum Power Consumption	42W

Operation Temperature	-20°C ~ +50°C (-4°F ~ +122°F)
Dimensions	Main Body: 172mm(W) x 242mm(H) x 102.5mm(D),
Dimensions	Bracket: 165mm(W) x 192.5mm(H) x 132mm(D)
Weight	2100g