

titanHz

Supplements Flash Light

MODEL NO.: BY-0900-0U



Features

Short recycling time, suitable for over-speed capture;

With photosensitivity, it supports two levels of brightness during day and night, and the brightness value can be adjusted through RS-485;

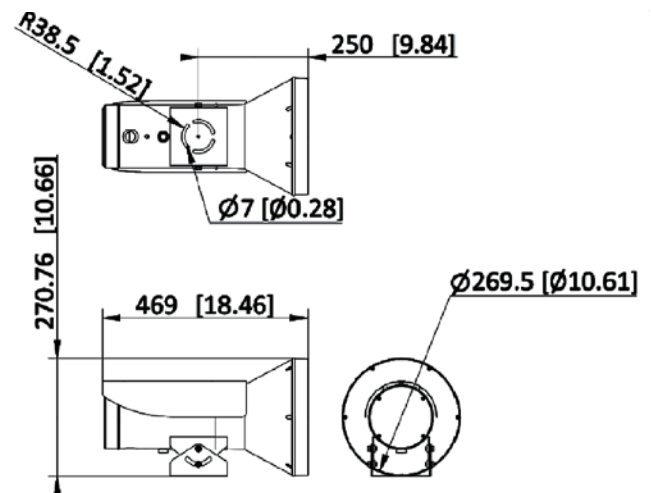
Novel design, with manual universal joints, easy to adjust;

Built-in grating (external grating optional), effectively reducing light pollution

Technical Parameter

Supplement Light	
Light Type	IR light
IR Wavelength	≥ 850 nm
Angle of Light	10°
Effective Distance	16 to 25 m
Response Time	≤ 67 ms
Trigger Manner	TTL level (switch trigger)
Trigger Level	5 to 12 V (High level trigger)
Trigger Frequency	0.5 Hz
Flash Energy	200 J
Service Life	≥ 20 million Times
Coverage	1 lane(s)
Interface	
Flash Trigger Input	1 Flash trigger input
RS-485	1 RS-485
Function	
Day and Night Function	Supports ambient brightness detection and upto startup at low illumination
Brightness Control	0 to 100 levels of brightness
Remote Control	Support
General	
Power	AC 200 V to 240 V, 3.5 A, 60 W, two-core terminal block
Material	Aluminium alloy
Dimensions	469 mm $\times$ 269.5 mm $\times$ 270.76 mm (18.46" $\times$ 10.61" $\times$ 10.66") (L $\times$ W $\times$ H)
Package Dimensions	536 mm $\times$ 345 mm $\times$ 355 mm (21.10" $\times$ 13.58" $\times$ 13.98") (L $\times$ W $\times$ H)
Weight	Approx. 5.2 kg (11.53 lb.)
With Package Weight	Approx. 6.6 kg (14.48 lb.)
Operating Condition	-25 °C to 70 °C (-13 °F to 158 °F). Humidity 95% or less (non-condensing)
Storage Condition	-25 °C to 70 °C (-13 °F to 158 °F). Humidity 95% or less (Non-condensing)
Approval	
EMC	EN 50130-4:2011+A1:2014, EN 55032:2015+A11:2020+A1:2020, EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2:2019+A1:2021
Safety	CB: IEC 60598-1:2020, IEC 60598-2-5:2015, IEC 62031:2018, IEC TR 62778:2014, CE-LVD: EN 60598-1, EN 60598-2-5, EN 62031
Protection	IP65: IEC 60529: 1989+A1: 1999+A2: 2013
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006

Dimension



L $\times$ W $\times$ H: 469 mm $\times$ 269.5 mm $\times$ 270.76 mm (18.46 $\times$ 10.61 $\times$ 10.66)

Unit: mm [inch]

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