

Product	
Catalog No.	
Fixture Type	Notes



SL2001 LED SECURITY LIGHT

The LED Security Light SL2001 is designed to provide reliable and efficient outdoor illumination with flexible control options. Featuring selectable color temperatures and an integrated motion sensor with Dusk-to-Dawn functionality, this fixture allows users to customize lighting performance based on their specific needs. Adjustable lamp heads enable precise aiming for optimal coverage, while durable construction ensures long-lasting performance in various outdoor environments.

APPLICATIONS

- Entryways
- Front Porch
- Backyard
- Sheds
- Decks

FEATURES

- 5 CCT selectable in one fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- Integrated motion sensor with Dusk-to-Dawn (D2D) function
- Adjustable detection distance, LUX level, and hold time
- Lamp heads adjustable side-to-side (150°) and up & down (180°)
- High lumen output for enhanced security lighting

SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	20W, 26W (Optional)
	Delivered Lumens	1,900 -2,860lm
	Lumen Efficacy	95-110lm/W
	Color Temperature	2700K / 3000K / 3500K / 4000K / 5000K (Selectable)
	CRI (Ra)	80+
	Input Voltage	120V
Electrical	Dimming	Non-dimming
	Power Factor	≥ 0.9
	Housing	Polycarbonate housing
Physical	Operation Temperature	-4°F to 113°F
	IP Rating	IP65 (sensor version) / IP54 (camera version)
	IK Rating	IK06
	Mounting Options	Surface Mount / Soffit Mount
	Dimension	10.2" × 6.8" × 4.4"

LIFESPAN AND WARRANTY

Rated Life	50,000 Hrs
Warranty	5 Years
Certification	UL

CERTIFICATION



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PERFORMANCE DATA

PRODUCT CODE	FUNCTION	SIZE	WATTS	DELIVERED LUMENS	EFFICACY (LM/W)	CCT
SL2001	Sensor	10.2*6.8*4.4	20W	1900-2200	2700K-95 / 6500K-110	2700/3000/3500/4000/5000/5700/6500K
SL2001	Sensor	10.2*6.8*4.4	26W	2470-2860	2700K-95 / 6500K-110	2700/3000/3500/4000/5000/5700/6500K
SL2001	Camera	10.2*7.9*4.4	20W	1900-2200	2700K-95 / 6500K-110	2700/3000/3500/4000/5000/5700/6500K
SL2001	Camera	10.2*7.9*4.4	26W	2470-2860	2700K-95 / 6500K-110	2700/3000/3500/4000/5000/5700/6500K
SL2001	Sensor	10.2*6.8*4.4	20W	1900-2100	2700K-95 / 5000K-105	5 CCT Selectable (2700/3000/3500/4000/5000K)
SL2001	Sensor	10.2*6.8*4.4	26W	2470-2730	2700K-95 / 5000K-105	5 CCT Selectable (2700/3000/3500/4000/5000K)
SL2001	Camera	10.2*7.9*4.4	20W	1900-2100	2700K-95 / 5000K-105	5 CCT Selectable (2700/3000/3500/4000/5000K)
SL2001	Camera	10.2*7.9*4.4	26W	2470-2730	2700K-95 / 5000K-105	5 CCT Selectable (2700/3000/3500/4000/5000K)

1. Lumens 5-10% less for bronze finish, and 10-15% less for black finish, please check

MOUNTING



Surface Mounted



Soffit Mounted

Option 1 - Standard Motion Sensor & D2D



A PIR sensor can detect changes in the amount of infrared radiation impinging upon the movement of people, animals, or other objects, also can identify when dusk has fallen, which prompts the lights to turn on.

Flexible Adjustable Modes

D2D MODE

Only the light sensor is working. The lights will turn on completely at night and the lights will auto shut off completely during the day, fixture will not be affected by activity or motion.

ON TIME MODE

The fixture works as a normal light fixture; without light sensor or motion sensor.

AUTO MODE (H/M/L & LUX & TIME)

- The light sensor and motion sensor work together.
- If ambient light is lower than the setting lux and human movement is detected, the lights will turn on completely, the lights will shut off completely if human left the detection area after the hold time, the detection distance and hold time can be adjusted.
- If ambient light is brighter than the setting lux, the lights will shut off completely, the detection distance and hold time settings will be invalid.

Remark: "D2D": Dusk to Dawn, "L": Low Sensitive, "M": Middle Sensitive, "H": High Sensitive, "-": Lowest LUX, "+": Highest LUX, "S": Second, "M": Minute.

Max Detection Distance : 18m(60FT)

Max Detection Degree : 180° (plane detection degree)

Recommended Installation Height : 3m(9.8FT)

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Option 2 - Smart Camera APP Control

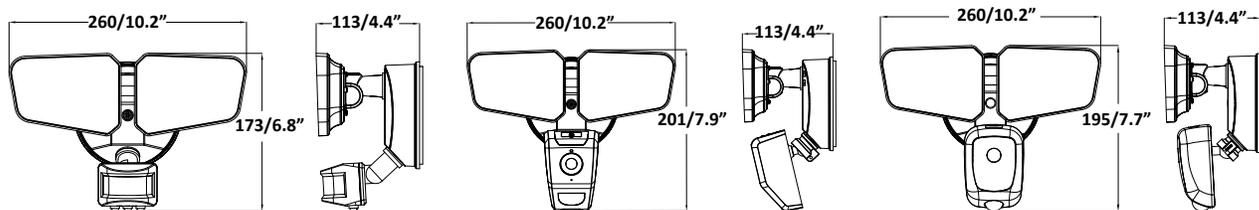
- Memory: Micro SD card slot (128GB max, not included), uploading Cloud Services
- Motion activated alerts: capture and push notifications when detecting movement
- IR-Cut(Infrared-cut): get a high-quality image during day and night time
- Timing function: turn on/off the light
- Two-way Audio
- PIR night vision monitoring function, detection distance is 5-8M
- Support remote monitoring apps for Android/iOS
- Compatible with Alexa/ Google devices (options)
- Digital Wide Dynamic, 3D noise reduction, H.265 video compression, low bit rate
- 300K Pixel 1/2.8-inch CMOS 3M, 2304*1296 resolution



Video Compression Standard	H.265
Audio Compression Standard	G.711a//PCM/AAC
Audio Compression Bitrate	G711a 8K-16bit Mono
Maximum Image Size	2304*1296
Field of View	110°
Frame Rate	50Hz: 15fps@1296p (300K)
Storage Function	Micro SD Card(Max 128G)
Wireless Standard	2.4 GHz ~ 2.4835 GHz IEEE802.11b/g/n
Channel Bandwidth	20/40MHz
Operating Temperature and Humidity	-20℃~45℃, Humidity <95%(No coagulate)
PIR	5-10m
PIR Dection Distance	6-12m

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DIMENSION



Motion Sensor Version

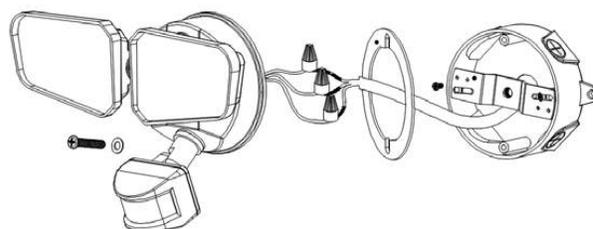
Smart Camera Version (Black)

Smart Camera Version (White)

PRODUCT DETAILS



Adjustable Head & Motion Sensor



Easy to install

ORDERING INFORMATION

Series SKU	Wattage	Input Voltage	CCT	FUNCTION
SL2001	020: 20W 026: 26W	U: 120V	27: 2700K 30: 3000K 35: 3500K 40: 4000K 50: 5000K 57: 5700K 65: 6500K CT: CCT Selectable (27/30/35/40/50K)	CF: Camera function SF: Sensor function

Example: SL2001-020U-CTCF
Lead times will vary depending on options selected.
Consult with your sales representative.

MISCELLANEOUS

CONSTRUCTION:
INSTALLATION:
OPTICS:
LISTINGS:
ELECTRICAL:
GOVERNMENT PROCUREMENT:

NOTE