



Merrytek Public account
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High Bay Light Series



Panel Light Series



Ceiling Light Series



Tri-proof Light Series



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Company Profile

Dedicated to innovation in intelligent lighting and sensing control for 18 years

Merrytek was founded in 2011. Headquartered in Shenzhen, the city of innovation and vitality. We are a leading provider of "Intelligent lighting control and Smart sensing solutions" in China.

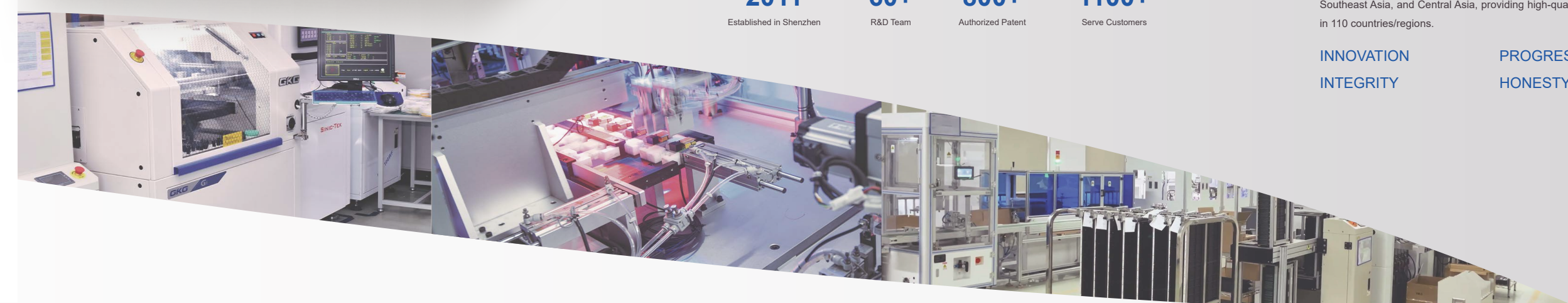
As a pioneer in technological innovation of intelligent lighting control components, microwave radar/PIR/environmental sensors, we continue to provide professional products and technical solutions for fields such as intelligent lighting, smart buildings, smart homes, security door control, and health and elderly care.

- 2011**
Established in Shenzhen
- 60+**
R&D Team
- 800+**
Authorized Patent
- 1100+**
Serve Customers

Global Market

Merrytek is supported by its Shenzhen headquarters and has multiple offices and channel agents in provinces/cities such as Fujian, Shandong, Henan, Shaanxi, Shanxi, Hangzhou, Suzhou, Zhongshan, Changsha, Wuhan, Chengdu, Chongqing, and Shanghai. In addition to the Chinese market, Merrytek's products are also exported to countries and regions such as Europe, South America, North America, Southeast Asia, and Central Asia, providing high-quality products and services to over 1100 customers in 110 countries/regions.

- INNOVATION
- PROGRESS
- EFFICIENCY
- INTEGRITY
- HONESTY
- COOPERATION



Lighting Sensor Catalog



Scan the code to enter the English website



Scan the QR code to get the e-catalog.

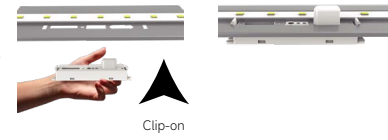
Smart Control Sensor for Parking Lighting

CASAMBI SILVAIR 2.4G RF
CE



Product Feature

- Smart lighting control & Energy-saving solution for parking lighting, easy to use.
- Connected with CASAMBI, SILVAIR & TUYA platform.
- Patented Di-pole microwave antenna, no-false trigger.
- Clip-on design, screw-free and convenient to assemble.



Adapted Luminaires



Tri-proof Light Ceiling Light

Application Scenarios



Parking Lot Warehouse Workshop

Product parameters



	MC098S 99	MC098S 99 1	MC087D 99 series	MC087D 99 B series
Working voltage	110-240Vac, 50/60Hz		12Vdc	12Vdc
Detecting technology			Microwave	
Installation height (Optimal/Max)			3m/6m	
Detection area			r>3m	
Programmable by	DIP switch, Remote, MH10, MH16, MH17		CASAMBI SILVAIR	

Product parameters



MC203D IR series				
	MC203D IR 2 MC203D IR 3	MC203D IR 1 B MC203D IR 1 B1 MC203D IR 1 B3	MC203D IR B MC203 IR B1 MC203 IR B3	MDA203D IR B1; MDA203D IR
Working voltage	12Vdc			
Detection technology	PIR sensor			
Installation height (Optimal/Max)	3m (8m Max.)			
Programmable by	Remote	Remote	CASAMBI SILVAIR	menu
Output signal	PWM, 0-10V	PWM, 0-10V		

Smart Control Solution for Office Lighting

CASAMBI SILVAIR 2.4G RF
CE



Product Feature

- DALI & Bluetooth grouping, energy-saving solution for office lighting, easy to use.
- Connected with CASAMBI, SILVAIR & TUYA platform.
- Optional PIR and 24GHz mmW radar presence sensor, suitable for office lighting.

Adapted Luminaires



Panel Light Linear Light

Application Scenarios



Office Meeting Room

Product parameters



	MC182D IR series	MC182D 99 series	MC182D 99 B1 series	MC182D IR B1 series
Working voltage	12Vdc	12Vdc	12Vdc	12Vdc
Detecting technology	PIR	24GHz mmW Radar Presence Sensor	24GHz mmW Radar Presence Sensor	PIR
Installation height (Optimal/Max)		3m/4m		
Detection area		r>3m		
Output signal	PWM, 0-10V		PWM, 0-10V, DALI	
Installation dimension	Zhaga Book 20, 44x17mm		Zhaga Book 20, 44x17mm	
Programmable by	Remote, MH10, MH16, MH17		CASAMBI SILVAIR	

Smart Control Sensor for Industrial Lighting

CASAMBI SILVAIR 2.4G RF
CE



Product Feature

- Smart lighting control & Energy-saving solution for warehouse and logistics, easy to use.
- Connected with CASAMBI, SILVAIR & TUYA platform.
- Optional microwave radar sensor and PIR sensor, suitable to various spaces.

Adapted Luminaires



High Bay Light Linear Light

Application Scenarios



Stadium Warehouse

Product parameters



	MC079D 99 Z	MC079D IR Z	MC079D 99 ZB series	MC079D IR ZB series
Working voltage	12Vdc	12Vdc	12Vdc	12Vdc
Detection technology	5.8GHz Microwave	PIR sensor	5.8GHz Microwave	PIR sensor
Installation height (Optimal/Max)	10-12m(15m Max.)	10m (12m Max.) 12-16m (16m Max.)	10-12m(15m Max.)	10m (12m Max.)
Programmable by	Remote MH10, MH17		CASAMBI SILVAIR	
Output signal	0/1-10V dimming			

Smart Control Sensor for Corridor/Stairwell Lighting

CASAMBI SILVAIR 2.4G RF
CE



Product Feature

- DALI & Bluetooth grouping, Energy-saving solution for corridor, staircase, balcony etc.
- Connected with CASAMBI platform.
- Resistant to WiFi interference

Adapted Luminaires



Ceiling Light Wall Lamp

Application Scenarios



Stairwell Balcony Hallway

Product parameters



	MC137D series	MC030S 7	MC053V D RF	MC173S B1 MC177S B1
Product description	DC sensor	AC sensor	DC sensor	AC sensor
Working voltage	12Vdc	110-277VAC	12Vdc	110-240VAC
Installation height (Optimal/Max)	3m/6m	3m/6m	3m/8m	3m/6m
Detection area	r>3m	r>5m	r>3m	r>3m
Output signal	PWM, 0-10V	ON/OFF	0-10V	DALI ON/OFF
Programmable by	MH10, MH17	Rotary switch	DIP switch	CASAMBI

Product parameters



	MC030S 7	MC173S B1	MC177S B1
Product description	AC sensor		AC sensor
Working voltage	110-240VAC		110-240VAC
Installation height (Optimal/Max)	3m/6m		3m/6m
Detection area	r>4m		r>3m
Output signal	ON/OFF	DALI	ON/OFF
Programmable by	Rotary switch		CASAMBI

