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POWERTECH CATALOGUE



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PHILOSOPHY

Customer Care

Powertech Automation offers to professionals, a wide range of quality and reliable motors and solutions. Our objective is to improve our customers' quality of life, this is why we design and manufacture highly functional, innovative and secure solutions for the gate automation industry.

Product Reliability

All of our products undergo very strict quality control and testing procedure to ensure their long term reliability and compliance with international standards. Powertech Automation is represented around the world by many partners in the industry who put trust and confidence in our brand name and in the quality of our solutions.

Passion in research for new solutions and optimization of the existing ones are the guidelines to our daily activities. We work to make our solutions a perfect fit to people needs and provide a more comfortable lifestyle. Our IoT solution, Eyeopen, allows our customers to simplify and have a wider choice of control on their home automation.





Take Control of Your Home

- Monitor in real-time your gates and door through our integrated camera
- Operate all your doors even from far away from one single app.
- Choose from a wide range of quality motors that can fit any gate requirements.

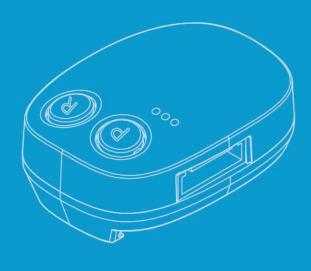
- Receive real-time notifications on your phone once your doors open/close
- Manage your entrance with our video doorbe
- Simplify the control on your gates via our smart Wi-Fi device





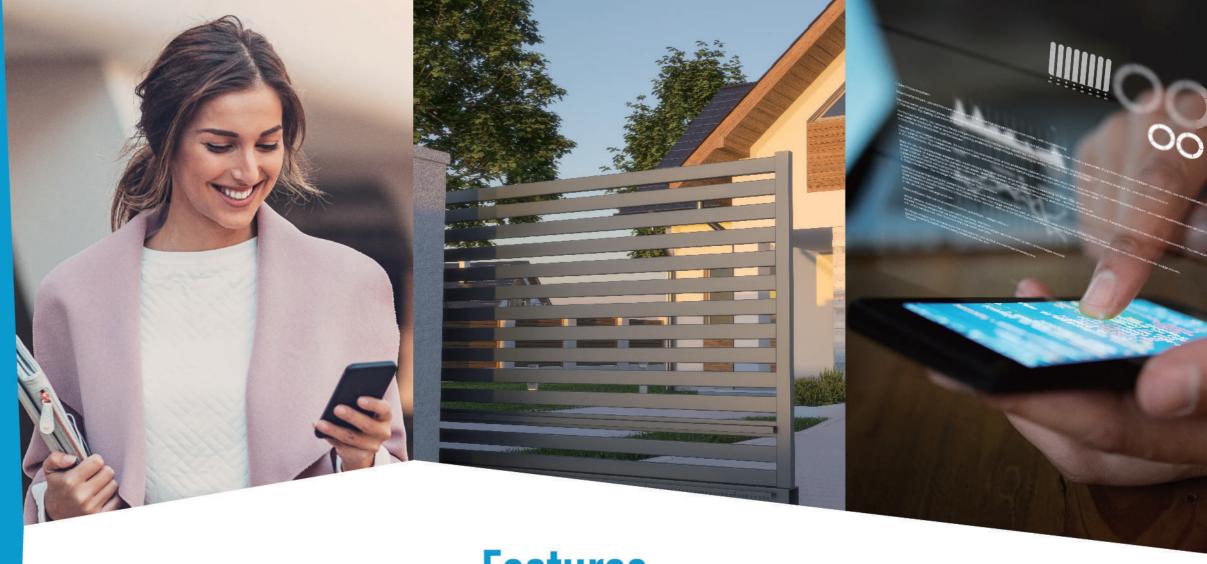
WB1

Smart Wi-Fi Device



REDEFINING **THE WAY** TO OPEN **YOUR GATE**

Our smart Wi-Fi device – WB1 not only features an intuitive solution for the control of your gates but also provides the ideal solution for advanced management to professionals.



Features



Spare Key

The smartphone can work as digital key even without Wi-Fi connection to the gate opener. Customers did not have to worry about lost remote or Wi-Fi failure.



Parameters

Ideal for installers to set up parameters and conduct maintenance without having to open the gate opener outer cover. All of the settings can be done through Eyeopen.



Data Management

Our data management platform keeps the device information which can help the installer to manage customer's records.



Warranty Period

The warranty period can be extended as it starts only once the WB1 has been activated.



Wi-Fi Remote Control

Compatible with the Eyeopen App which allows you to control your gate openers with smartphone any time, anywhere.

























Irreversible electromechanical 24Vdc geared motor for heavy applications



Versatile, Reliable & Durable Over Time

- Designed for heavy swing gate with leaves up to 4.5m and 550kg
- · Superior quality with die casting aluminum housing, resistant to atmospheric agents
- · Embedded LED indicators for operation status

Practical & Easy To Operate

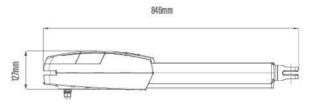
- Easy access to manual release handle from above
- Automatic memorization of limit switches on opening / closing by learning
- Adjustable opening and closing limit switches
- Back-up battery to ensure operation in case of power failure (optional)
- · Large choice of programmable functions

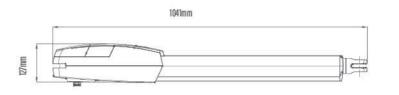
Smartphone Control

- Control your gates through your smartphone anytime, anywhere
- Compatible with the Eyeopen App

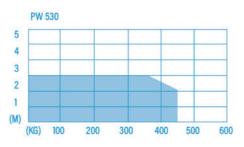


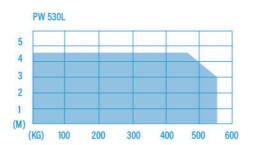
Dimension PW530 & 530L





Utilisation Limits





Model name	PW 530	PW 530L
Category	Swing Gate Opener	Swing Gate Opener
Max gate length	3M	4.5M
Max gate weight	450Kg	550Kg
Power Supply	110-240Vac (50-60Hz)	110-240Vac (50-60Hz)
Motor Power Supply	24Vdc	24Vdc
Geartype	Worm gear	Worm gear
Operation Stroke	350mm	540mm
Duty Cycle	20%	20%
IP Rating	IP44	IP44
Working temperature / Operating temperature	-20~50°C	-20~50°C
Current (A)	6A	6A
Power (W)	144W	144W
Release	Key	Key
Dimensions	846mm x 128mm x130mm	1041mm x 128mm x130mm

























Irreversible linear telescopic 24Vdc operator for light residential gates





Compact & Streamline Design For Light Gates

- Suited for light swing gates with leaves up to 2.5m and 250kg
- Easy and quick installation due to compact size, silent operation
- · Motor located on the top for easy maintenance
- 2 options for front attachment : metal or plastic

Practical & Easy to Operate

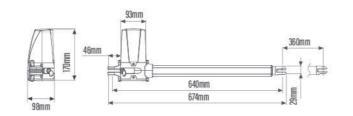
- Two options available for auto-closing : time limit or photocell trigger
- Easy to operate release handle
- Back-up battery to ensure operation in case of power failure (optional)
- · Large choice of programmable functions

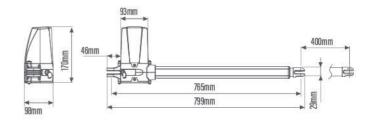
Smartphone Control

- Control your gates through your smartphone anytime, anywhere
- Compatible with the Eyeopen App

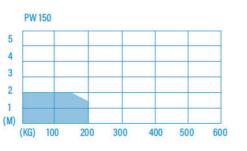


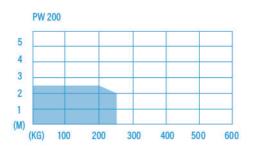
Dimension PW150 & 200





Utilisation Limits





Model name	PW150	PW 200
Category	Swing Gate Opener	Swing Gate Opener
Max gate length	2M	2.5M
Max gate weight	200Kg	250Kg
PowerSupply	110-240Vac (50-60Hz)	110-240Vac (50-60Hz)
Motor Power Supply	24Vdc	24Vdc
Gear type	Worm gear	Worm gear
Operation Stroke	360mm	400mm
Duty Cycle	20%	20%
IP Rating	IP44	IP44
Working temperature / Operating temperature	-20~50°C	-20~50°C
Current (A)	4.2A	4.2A
Power (W)	100W	100W
Release	Key	Key
Dimensions	674mm x 98mm x170mm	799mm x 98mm x170mm

























Irreversible electromechanical 24Vdc geared motor for residential gates





Reliability & Durability Over Time

- Designed for swing gates with leaves up to 3.0m and 300kg
- Superior quality building with matte finishing provides additional protection from rust
- Offer stable force output through the linear motor design
- · Easy installation with a wide range of angle

Practical & Easy to Operate

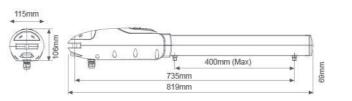
- Two options for release device : tools or keys
- Large choice of programmable functions
- Back-up battery in case of power failure (optional)

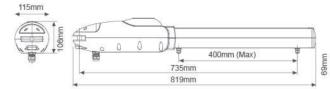
Smartphone Control

- Control your gates through your smartphone anytime, anywhere
- Compatible with the Eyeopen App

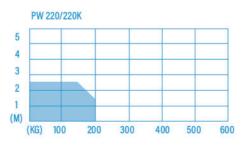


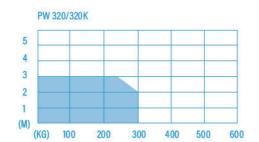
Dimension PW220 / 220K & 320 / 320K





Utilisation Limits





Model name	PW 220 / 220K	PW 320 / 320K
Category	Swing Gate Opener	Swing Gate Opener
Max gate length	2.5M	3M
Max gate weight	200Kg	300Kg
Power Supply	110-240Vac (50-60Hz)	110-240Vac (50-60Hz)
Motor Power Supply	24Vdc	24Vdc
Geartype	Worm gear	Worm gear
Operation Stroke	350mm	350mm
Duty Cycle	20%	20%
IP Rating	IP44	IP44
Working temperature / Operating temperature	-20~50°C	-20~50°C
Current (A)	4A	6A
Power (W)	100W	144W
Release	Tool or Key	Tool or Key
Dimensions	844mm x115mm x106mm	844mm x115mm x106mm





























Irreversible electromechanical 24Vdc geared motor for multiple applications





Practical & Quick Installation

- Designed for swing gates with leaves up to 4.5M and 450kg
- · Suited for heavy gates application with increased durability
- Easy installation with a wide range of angle

Safe & Easy To Operate

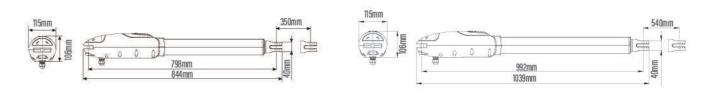
- Easy access to manual release handle from above
- · Deceleration on opening and closing for more safety
- Back-up battery in case of power failure (optional)
- Large choice of programmable functions

Smartphone Control

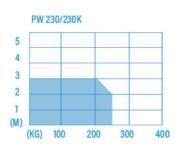
- Control your gates through your smartphone anytime, anywhere
- Compatible with the Eyeopen App

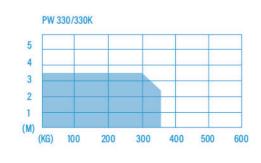


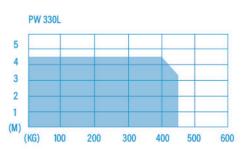
Dimension PW230 / 230K / 330 / 330K & 330L



Utilisation Limits







Model name	PW 230 / 230K	PW 330 / PW 330K	PW 330L	
Category	Swing Gate Opener	Swing Gate Opener	Swing Gate Opener	
Max gate length	3M	3.5M	4.5M	
Max gate weight	250Kg	350Kg	450 Kg	
Power Supply	110-240Vac (50-60Hz)	110-240Vac (50-60Hz)	110-240Vac (50-60Hz)	
Motor Power Supply	24Vdc	24Vdc	24Vdc	
Gear type	Worm gear	Worm gear	Worm gear	
Operation Stroke	350mm	350mm	540mm	
Duty Cycle	20%	20%	20%	
IP Rating	IP44	IP44	IP44	
Working temperature / Operating temperature	-20~50°C	-20~50°C	-20~50°C	
Current (A)	4.2A	6A	6A	
Power (W)	100W	144W	144W	
Release	Tool or Key	Tool or Key	Tool or Key	
Dimensions	844mm x 115mm x106mm	844mm x 115mm x106mm	1059mm x 123mm x124mm	





























Irreversible electromechanical 24Vdc geared motor with articulated arms





Reliable & Durable

- Design for swing gates with leaves up to 2.5m and 250kg
- Suitable for gates installed on large posts
- Manufactured with high quality materials for greater reliability
- Built-in control unit with plastic enclosure to protect against dust and insects

Safe & Easy To Operate

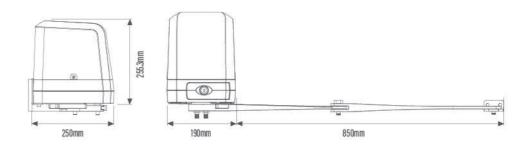
- Simple and precise limit switch adjustment
- Easy to operate release handle
- Back-up battery to ensure operation in case of power failure (optional)
- Large choice of programmable functions

Smartphone Control

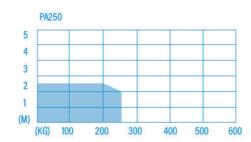
- Control your gates through your smartphone anytime, anywhere
- Compatible with the Eyeopen App



Dimension PA250



Utilisation Limits



Model name	PA 250
Category	Articulated Arm Opener
Max gate length	2.5M
Max gate weight	250kg
Power Supply	110-240Vac (50-60Hz)
Motor Power Supply	24Vdc
Geartype	Worm gear
Operation Stroke	
Duty Cycle	20%
IP Rating	IP44
Working temperature / Operating temperature	-20~50°C
Current (A)	6A
Power (W)	144W
Release	Key
Dimensions	256mm x 187mm x267mm



































Designed for high speed automation sliding gates weighing up to 500kg





Quality High-Speed Automation

- Designed for sliding gates weighing up to 500kg
- · Class leading speed up to 0.33m/s
- Enhanced durability with die casting aluminum base
- Single-piece cover resistant to atmospheric agents

Practical & Easy To Operate

- Built-in control unit with LED display for easy configuration
- Back-up battery to ensure operation in case of power failure (optional)
- Large choice of programmable functions

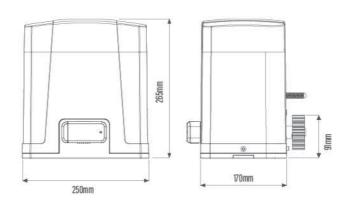
Smartphone Control

- Control your gates through your smartphone any time, anywhere
- Compatible with the Eyeopen App

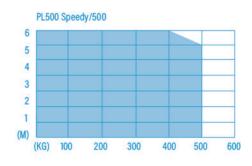
Eyeopen



Dimension PL500 Speedy / 500



Utilisation Limits



Model name	PL 500 speedy	PL 500
Category	Sliding Gate Opener	Sliding Gate Opener
Max gate length	6M	6M
Max gate weight	500Kg	500kg
Power Supply	110-240Vac (50-60Hz)	110-240Vac (50-60Hz)
Motor Power Supply	12V / 24V	12V/24V
Gear type	Worm gear	Worm gear
Duty Cycle	20%	20%
IP Rating	IP44	IP44
Working temperature / Operating temperature	-20~50°C	-20~50°C
Current (A)	4.2A	42A
Power (W)	100W	100W
Release	Key	Key
Dimensions	250mm x170mm x265mm	250mm x 170mm x265mm





























Irreversible 24Vdc operator for heavy sliding gates





Compact, Yet Powerful

- Designed for sliding gates weighing up to 800kg
- Enhanced durability with die casting aluminum base
- Single-piece cover resistant to atmospheric agents

Practical & Easy To Operate

- Built-in control unit with LED display for easy configuration
- Back-up battery to ensure operation in case of power failure (optional)
- Large choice of programmable functions

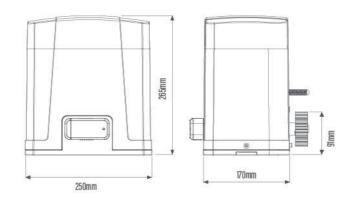
Smartphone Control

- Control your gates through your smartphone anytime, anywhere
- Compatible with the Eyeopen App

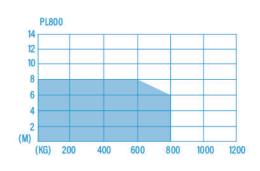
eyeopen



Dimension PL800



Utilisation Limits



Model name	PL 800
Category	Sliding Gate Opener
Max gate length	8M
Max gate weight	800Kg
Power Supply	110-240Vac (50-60Hz)
Motor Power Supply	12V / 24V
Gear type	Worm gear
Duty Cycle	20%
IP Rating	IP44
Working temperature / Operating temperature	-20~50 C
Current (A)	6A
Power (W)	144W
Release	Key
Dimensions	250mm x 170mm x265mm





























Irreversible 24Vdc operator for sliding gates





Powerful, Robust & Reliable

- High performance operator designed for sliding gates up to 1000kg
- Waterproof, scratch resistant, and UV protected enclosure for increased durability
- Suited for heavy gates application

Practical & Easy To Operate

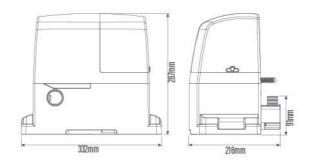
- Built-in control unit that features adjustable speed and force output
- · Manual release handle, resistant to atmospheric agents
- Back-up battery in case of power failure(optional)

Smartphone Control

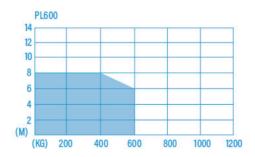
- Control your gates through your smartphone anytime, anywhere
- · Compatible with the Eyeopen App

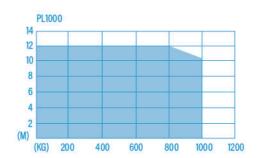


Dimension PL600/1000



Utilisation Limits





Model name	PL 600	PL1000
Category	Sliding Gate Opener	Sliding Gate Opener
Max gate length	8M	12M
Max gate weight	60 O K g	1000Kg
Power Supply	110-240Vac (50-60Hz)	110-240 Vac (50-60Hz)
Motor Power Supply	24V	24V
Force	6500N	10500N
Geartype	Worm gear	Worm gear
Duty Cycle	20%	20%
IP Rating	IP44	IP44
Working temperature / Operating temperature	-20~50°C	-20~50°C
Current (A)	6A	6A
Power (W)	144W	144W
Release	Key	Кеу
Dimensions	333mm 216mm x287mm	333mm x 216mm x287mm



























Irreversible 230Vac operator for sliding gates weighing up to 1500kg





Streamline, Compact & Powerful

- Designed for sliding gates weighing up to 1500kg
- 230Vac operator for intensive use and heavy gate applications
- Compact and streamline design
- Single-piece cover resistant to atmospheric agents

Practical & Easy To Operate

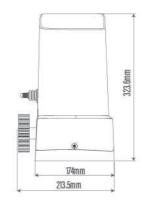
- · Built in control unit
- · Easy access to release handle
- Large choice of programmable functions

Smartphone Control

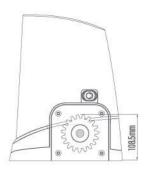
- Control your gates through your smartphone anytime, anywhere
- Compatible with the Eyeopen App



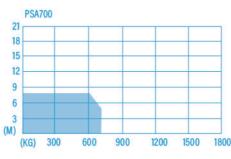
Dimension PSA700 / 1200 / 1500

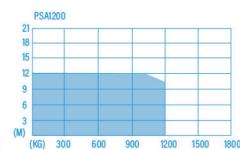


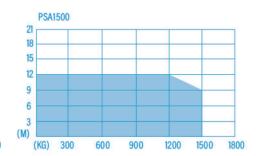




Utilisation Limits







Technical Specifications

Model name		PSA 700	PSA 1200	PSA 1500
Category		AC Sliding Gate Opener	AC Sliding Gate Opener	AC Sliding Gate Opener
Max gate len	yth	8M	12M	12M
Max gate wei	ght	700Kg	1200Kg	1500Kg
Power Supply		AC230V 50Hz	AC230V 50Hz	AC230V 50Hz
Gear type		Worm gear	Worm gear	Worm gear
Duty Cycle		20%	20%	20%
IP Rating		IP54	IP54	IP54
Working tem	perature / Operating temperature	-20~50°C	-20~50°C	-20~50°C
Current (A)		1.48A	1.85A	1.85A
Power (W)		340W	425W	425W
Release		Key	Key	Key
Dimensions		250mm 174mm x323mm	250mm x 174mm x323mm	250mm x 174mm x323mm







Transmitter























Adapted for all garage doors type One solution for a wide range of garage doors





Adaptable Solution For A Wide Range **Of Garage Doors**

- Designed for garage door automation up to 16m²
- Smooth and silent operation
- Two rail options available: chain or belt driven

Reliable Functions

- Built in control unit with LED display for easy set up
- Built in LED courtesy light
- Back-up battery in case of power failure
- Large choice of programmable functions

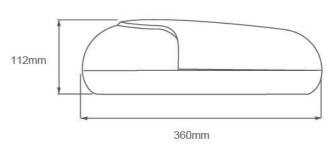
Smartphone Control

- Control your gates through your smartphone anytime, anywhere
- Compatible with the Eyeopen App



Dimension PG 60 / 80 / 100 / 120





Model name	PG 60	PG 80	PG 100	PG 120
Category	DC Garage Door Motor	DC Garage Door Motor	DC Garage Door Motor	DC Garage Door Motor
Ma x gate length / Max gate weight	8-10m^2	10-12m^2	12-14m^2	14-16m ²
Power Supply	AC 220 / 110V ; 50Hz~60Hz	AC 220 / 110V ; 50Hz~60Hz	AC 220 / 110V; 50Hz~60Hz	AC 220 / 110V ; 50Hz~60Hz
Motor Power Supply	DC24V	DC24V	DC24V	DC24V
Geartype	Worm gear	Worm gear	Worm gear	Worm gear
Force	600N	800N	1000N	1200N
Duty Cycle	20%	20%	20%	20%
IP Rating	IP44	IP44	IP44	IP44
Working temperature / Operating temperature	-20~50°C	-20~50°C	-20~50°C	-20~50°C
Current (A)	3.08A	3.33A	4.17A	5A
Power (W)	72W	80W	100W	120 W
Manual release	Yes	Yes	Yes	Yes
Enclosure Dimensions	360mmx228mm x115mm	360mmx228mm x115mm	360mmx228mm x115mm	360mmx228mm x115mm











EYESPEN

NO MATTER WHERE YOU ARE YOU ARE ALWAYS AT HOM







Eyeopen centralizes all Powertech Automation gate openers and IoT Devices on one single application. Our intuitive interface combines convenience, comfort and safety. It allows you to manage and monitor in real-time your entrances, remotely operate your gates, and much more....







Custom settings are available for a number of parameters.

Get alerts on your smartphone when the gate/door opens, closes or is left open.

Managing your connected automation on-site or remotely with ease.





Bitween

Connecting all possibilities.







Great Compatibility





Push Notification





Remote Control

Authorize multi-user

Technical data

Frequency	433 Mhz and 2.4GHz	
Operation Temperature	-30~70℃	
Dimensions	56mm x110mm x35mm	
Power	AC/DC, 12V/24V, 1A	



GREAT COMPATIBILITY

Compatible with most Italian/European gate opener brands

Biitween allows you to control the gate via your smartphone or the Powertech remote control depending on your preference.



SHARE ACCESS

Biitween comes with 10 free users.

The owner can assign different levels of access authority to others based on their demands.

3 DOOR SUPPORTED

Biitween can connect with up to 3 doors and easily operate all of the home accesses on one APP.



Bicam Full HD 1080p





1080P outdoor camera for your safety























Night Vison











Technical data

Video Resolution	Full HD 1080P
Compression	H.264
Frame Rate	25fps
Field of View	95°
Day/Night Mode	ICR with IR LED
Connectivity	802.11b/g/n@2.4GHz
Ethernet	10/100Mbps
Alarm	Motion Detection
Storage	Micro SD card up to 128GB (SD card not include)
Record Mode	Event
Waterproof	IP66
Operation Temperature	-30~60°C
Power	Power adapter DC12V/IA



REAL-TIME SECURITY SYSTEMS

Secure your home with our integrated camera available with Eyeopen App.

MOTION DETECTION RECORDING

Increase your safety as the camera will automatically record and store videos in the microSD card.





CONCEAL PARTS OF THE IMAGE

The privacy mask feature allows IP cameras to block out sensitive area to protect personal privacy and comply with local regulations.

NIGHT VISION

Built-in high performance IR LED provides illumination up to 20m distance at night





Smart security starts at the front door









Notification





Easy Installation





Motion Detection





Technical data

Video Resolution	Full HD 1080P
Field of View	150 Degree
Compression	H.264
Frame Rate	25fps
Day/Night Mode	ICR with IR LED
Audio	2 Way Audio
Connectivity	80211b/g/n@2.46
Ethemet	10/100Mbps
Storage	MicroSD card up to 1286B
Waterproof	IP44
PIR Detection	110 Degree
Tamper Alarm	Support
PowerSuply	DC 9V~36V; AC 8V~24V; PoE
Operate Temperature	-20 ~55 ℃





MORE THAN A SIMPLE DOORBELL

Check in anytime on what's happening outside your home.

TWO-WAY AUDIO

Answer your door from anywhere.



MOTION DETECTION

Receive a real-time notification on your smartphone when someone triggers the built-in motion sensor.

PUSH NOTIFICATIONS

Automatically sends notification when visitors press the doorbell.

ACCESSORIES



TRANSMITTER

R



Transmitter 4 Channel R1-009

Model	4 Channel Transmitter	Ĩ	Operating Temperature	-20° ~ 60°C
Frequency	433.92Mhz		Dimensions	66x39x13mr
Estimated Range	100 meters	18	IP Ratings	IPX44



Transmitter 4 Channel PR-4

Model	4 Channel Transmitter	Operating Temperature	-20° \sim 60°C
Frequency	433.92Mhz	Dimensions	80x40x20mm
Estimated Pango	100 meters		



Transmitter 4 Channel PR-2

Model	4 Channel Transmitter	Operating Temperature	-20° ~ 60°C
Frequency	433.92Mhz	Dimensions	106x53x20mm
Estimated Range	100 meters		



Transmitter 2 Channel

PR-1

Model	2 Channel Transmitter	Operating Temperature	-20°~60°C
Frequency	433.92Mhz	Dimensions	72x33x14mr
Ectimated Panna	100 meters		



PHOTOCELLS



PH-6

Power Supply	12-24V DC	IP Ratings	IP44
Frequency	433.92Mhz	Operation Indicator	Red Led (RX): Beam interrup
Estimated Range	20 meters		Green LED (TX) Beam aligned

RECEIVER BOX



PRB-1

Power Supply	12-24V DC
Frequency	433.92Mhz
Estimated Range	50 meters

Dimensions IP Ratings 106x53x20mm IP54

RACK



Nylon Rack

Material	Nylon
material	Ny

Dimensions

1 meter



Metal Rack

Material

Metal

Dimensions

1 meter

KEYPAD / KEY SELECTOR



Wireless Keypad KP-1

ĺ	Model
	Frequency
l	Estimated Range

Wireless Keypad 433.92Mhz +/- 75kHz

Dimensions IP Ratings 85x75x35mm IP54



Key Selector PKS-1

Model	Key selector
Operating Temperature	$-20^{\circ} \sim 50^{\circ}$ C

IP Ratings

IP54

B BATTERY



Battery For Swing Gate

Application Voltage Swing gate 12V / 2.2Ax2pc Dimensions

70x47x103mm



Battery For Sliding Gate

Application Voltage Sliding gate 12V / 1.3Ax2pc Dimensions

98x44x58mm



PUSH BUTTON



Push Button PPB-1

Operating Temperature

-20°~50°C

Dimensions

Dimensions

85x61x40mm



Wireless Push Button

PPB-2

Operating Temperature

-20°~50°C

85x61x40mm



FLASHING LIGHT



Flashing Light **PF-1**

Power Supply Installation Antenna 12-24V DC Vertical or horizontal Built-in Operating Temperature Dimensions -20° ~ 50°C 205x80x75mm