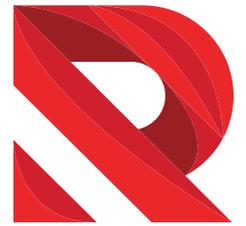


G-DC-RG927W

Ranger DC Smart Autogate System (Swing / Folding)



RANGER



Soft Glide Motion
Soft start and soft stop features



Anti Spy-II
Encryption technology to avoid hackers' attacks .



Built in Siren/ Buzzer



Programmable Timer
Automatic closing timer feature .

*All image and specification is subject to change without prior notice.

Ranger DC Smart Autogate System are designed to reduce the number of active components while ensuring the highest functioning standards, keeping the effort of troubleshooting and repairs to a minimum.



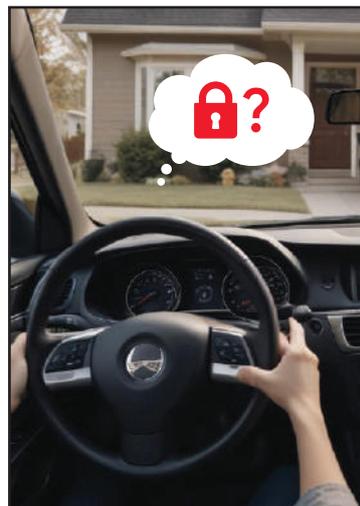
Remote Control-Triggered Panic Alarm

Users can use the remote control to activate an alarm siren when danger is present.



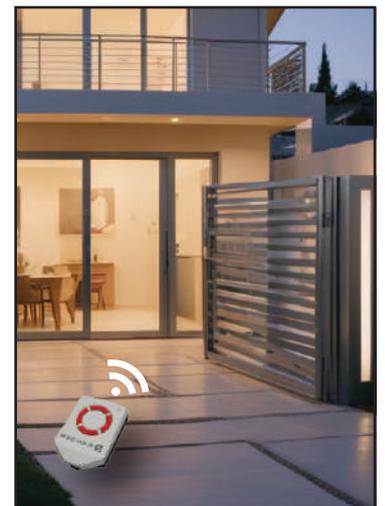
Locking Mechanism

During rare emergencies such as power outages, users can easily unlock the gate with their unique key and adjust the gate position manually.



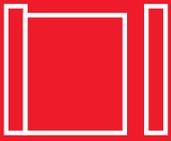
Automatic Close Function

This function automatically closes the gate after a set time, offering increased safety for users who might forget to close it or who prefer a hands-free closing option.



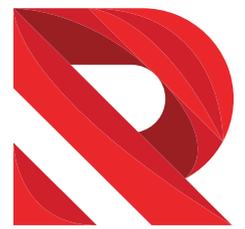
Backup Battery

In case of a total power outage, our backup battery ensures that your gate remains operational for up to 14 days, allowing for approximately 1500 operations*.



G-DC-RG927W

Ranger DC Smart Autogate System (Swing / Folding)



RANGER

Electrical Specification

Motor Type	120W PMDC Motor 12V ~ 19V (DC)
Standard Operating Voltage	0.015A (Standby)
Standard Power Usage	12A (Maximum Operating Current) 1500 Operations*
Battery Life	14 Days Standby* * Performance may vary due to loading condition * Tested under laboratory-controlled conditions using a 7AH 12V Battery

Mechanical Specification

Driver	Single Arm Rotary Motion
Gear System	25 element 4 stage planetary gear train
Transmission Reduction Ratio	1:2310
Maximum Output Torque	196Nm (dynamic) 318Nm (static)
Maximum Drivebar Speed	0.17 rad/s**
Standard Operating Time	(90 Degree Movement), 10s (90%)** & 16s (100%)**
Recommended Operation Rate	Less than 100 operations per day **Performance may vary based on gate mass and type

Electronics Specification

Processor	Microcontroller Embedded System
Remote Radio Frequency	315MHz 00K

Maximum Rating (per wing)

Swing Gate	Max Width - 2M Max Weight - 150kg
Folding Track Gate	Max Width - 4M Max Weight - 200kg
Folding Trackless Gate	Max Width - 3.4M Max Weight - 150kg

Safety & Security Features

Overload Protection	Yes
Obstacle Detection	Yes (Safety Beam Required)
Locking Mechanism	Electromagnetic lock with manual key release
Panic Alarm	Yes (Triggered from remote control)
Intruder Alarm	Yes (Arming Required)
Gate Motion Alert	Yes (Setting Required)

Addition Features

Smart Home Hub Control	Smart IoT Hub
Backup Battery	Yes

Included Accessories

*All image and specification is subject to change without prior notice.



Motor + Casing



Remote Control



Power Box + Battery + Transformer



Wall Bracket

Optional Accessories

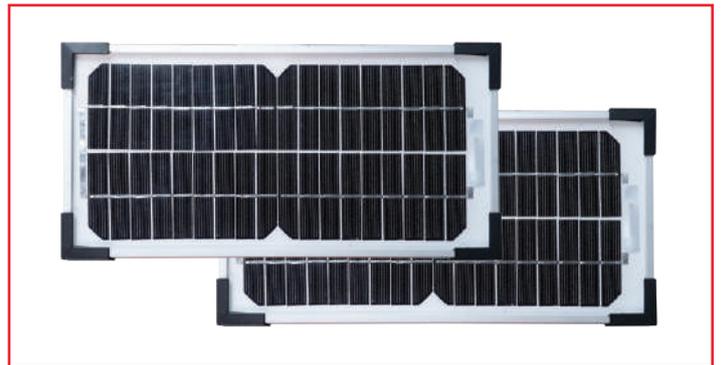
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Smart IOT Hub



Infrared Safety Beam

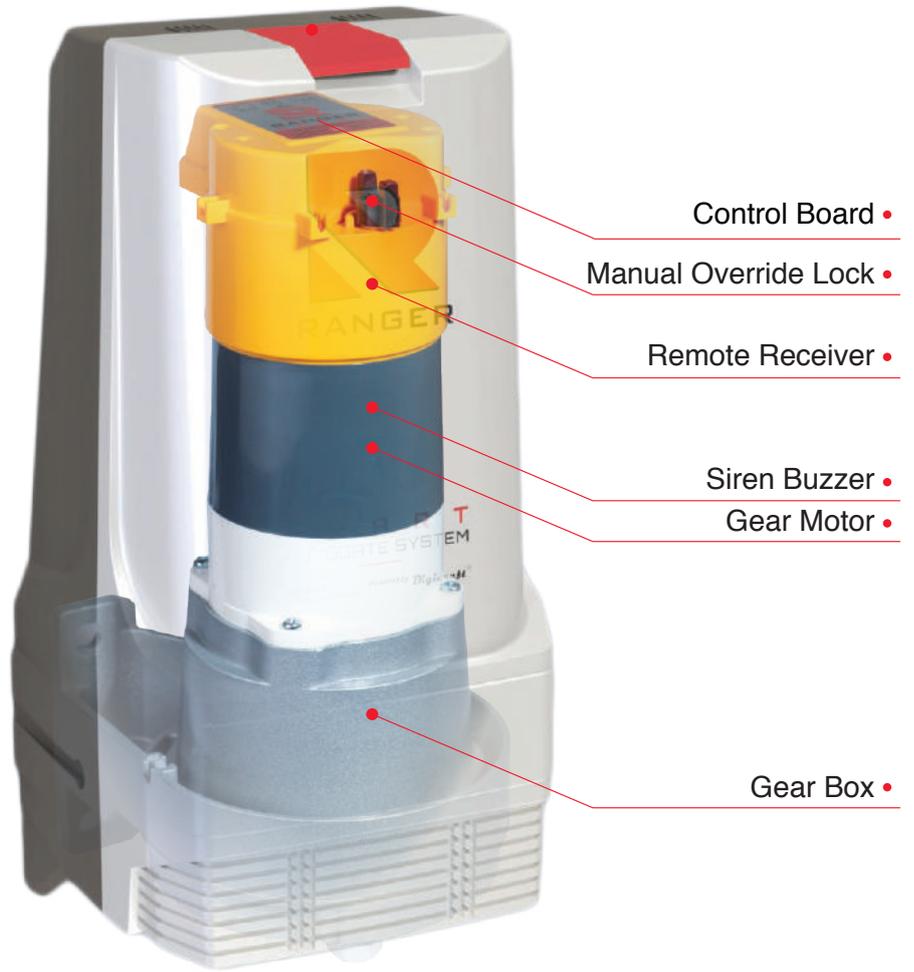
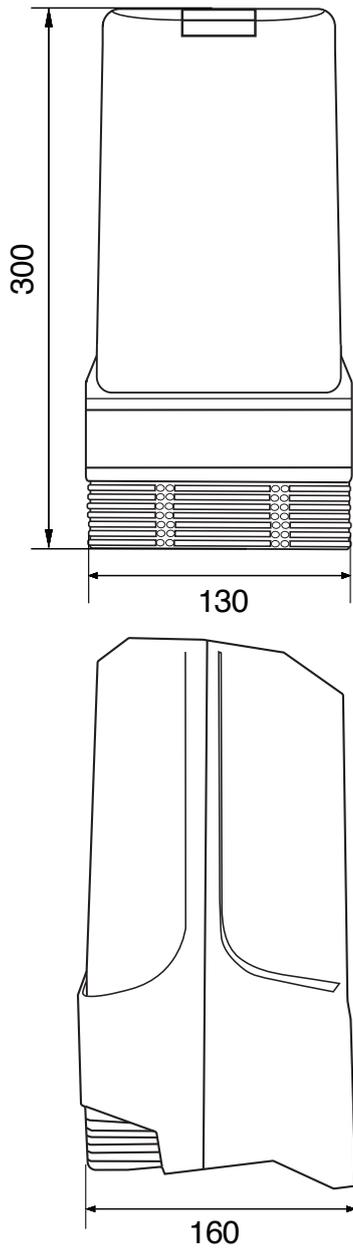


Solar Panel + Bracket

Ordering Part Info

Model	G-DC-RG927W
GAC-DC-PSH-9300	Smart Motor Unit Build-in Main Board
GAC-DC-PSH-9301	Main Gear Box
GAC-DC-PSH-9302	Siren Buzzer
GAC-DC-PSH-9303	Wall Motor Casing
GAC-DC-PSH-9304	Cam Lock
GAC-DC-PSH-9305	Power Cable with Socket
GAC-DC-PSH-6600	PVC Box
GAC-DC-PSH-6601	AC Charger Controller
GAC-DC-PSH-6602	Main board for Motor
GAC-DC-PSH-6605	4CH Antispy Remote Control - 315MHz
GAC-DC-PSH-6606	Wall Holder for Remote Control
GAC-DC-PSH-6607	Drive Bar (Left+Right)
GAC-DC-PSH-6608	C-Channel - Standard
GAC-DC-PSH-6610	Wall Bracket
TRANS-12V-2A	Transformer 12V- Full Copper (2AMP)
BATTERY-RG12/7	7AH-12V Rechargeable Battery

Model Add on	G-DC-RG927W-SOLAR
GAC-DC-PSH-6611	5W Solar Panel
GAC-DC-PSH-6612	Wall Bracket for Solar Panel
GAC-DC-PSH-6604	Solar Charger Controller
GAC-DC-PSH-6600	PVC Box
BATTERY-RG12/8	8AH-12V Rechargeable Battery



Power Configuration

*All specification is subject to change without prior notice.

G-DC-RG927W

G-DC-RG927W-SOLAR

