

# D5 EVO LV Sliding Gate Operator

High speed industrial operator with low voltage power supply



The D5 EVO sliding gate operator is a low voltage supply operator, this means that you can run low voltage cable to the gate using the supplied transformer and 30 metres of cable.

The D5 Low Voltage supply kit comprises a D5 low voltage operator with 2 transmitters, a 16vac transformer battery and 30 metres of cable with connector plug for the transformer.

Battery back up is a standard feature of the D5 EVO, this gives peace of mind during storms or other power failure situations and solar panel kits are available.



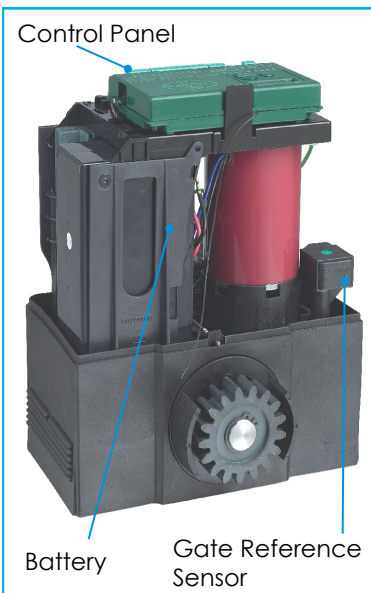
D5 Control Panel

The D5 EVO is the fastest operator in this class, at 22 metres per minute (366 mm/sec) it will open a 6 metre gate in 16 seconds.

The opening and closing speeds as well as the ramp up/ramp down are independently adjustable. This means that you can have your gate opening at full speed and closing at a slower rate, this will help reduce accidents and damage to the gate.

The HD heavy duty steel reinforced rack is supplied in 1m lengths 6 point fixing (legs down) and is suitable for gates weighing up to 1000Kgs.

The control panel allows the installer a quick and easy way to program numerous functions simply by clicking through the intuitive menu.



The many options available include control of pillar lights, gate operating modes, a seven day timer to time bar or activate physical inputs and individual radio transmitters. This can be used to give people access during the working day but not at week ends or after hours.

A rolling code high security Nova radio receiver is built into the control panel. Two 4 button transmitters are supplied with the operator and they can be used to operate any of the system inputs. Individual transmitters can be added or deleted from the receiver memory.

Safety sensing and control of the open and closed position is provided through the DOS operating system that has been in use for more than 10 years on previous models.

The control panel is fully sealed to prevent ingress of dirt and insects.



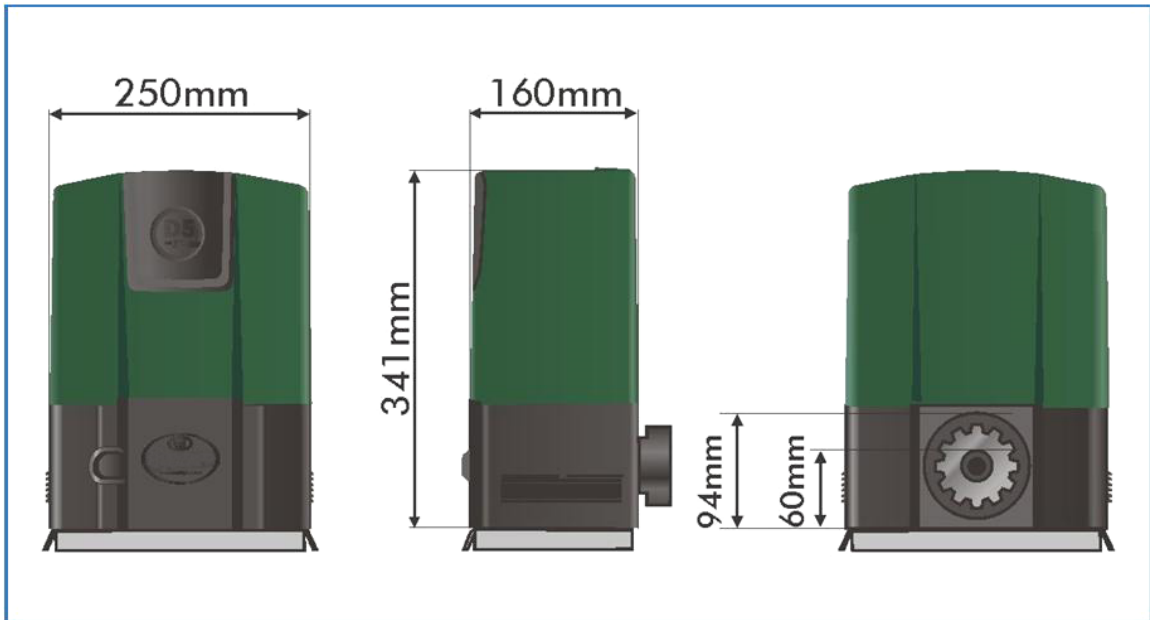
D5 Gate Rack

The diagnostic LCD display aids fault finding while the control panel monitors safety circuits to ensure correct and safe operation of the gate operator.

## Technical Specifications

Sliding Gate Operator	D5 EVO LV
Warranty	24 Months
Input Voltage	16vac
Motor Voltage	12vdc
Gate Mass - Maximum	500kg
Gate Length - Maximum	20m
Operator push force - starting	30kgf
Operator push force - rated	20kgf
Gate Speed	22 m/min (366 mm/sec)
Operations per day - Maximum	150
Operating temperature range	-15°C to + 50°C
Mass of unit packed	11kg

## Dimensions



Rotech supply all forms of door and gate automation

### Vehicle Access Control

- Booms Gates
- Sliding Gates
- Swing Gates
- Industrial Door Openers
- Solar Powered Gate Openers

### Pedestrian Access Control

- Full Height Turnstiles
- Waist Height Turnstiles
- Supermarket Gates/Turnstiles
- Wheelchair Access Gates
- Rapid Access Gates

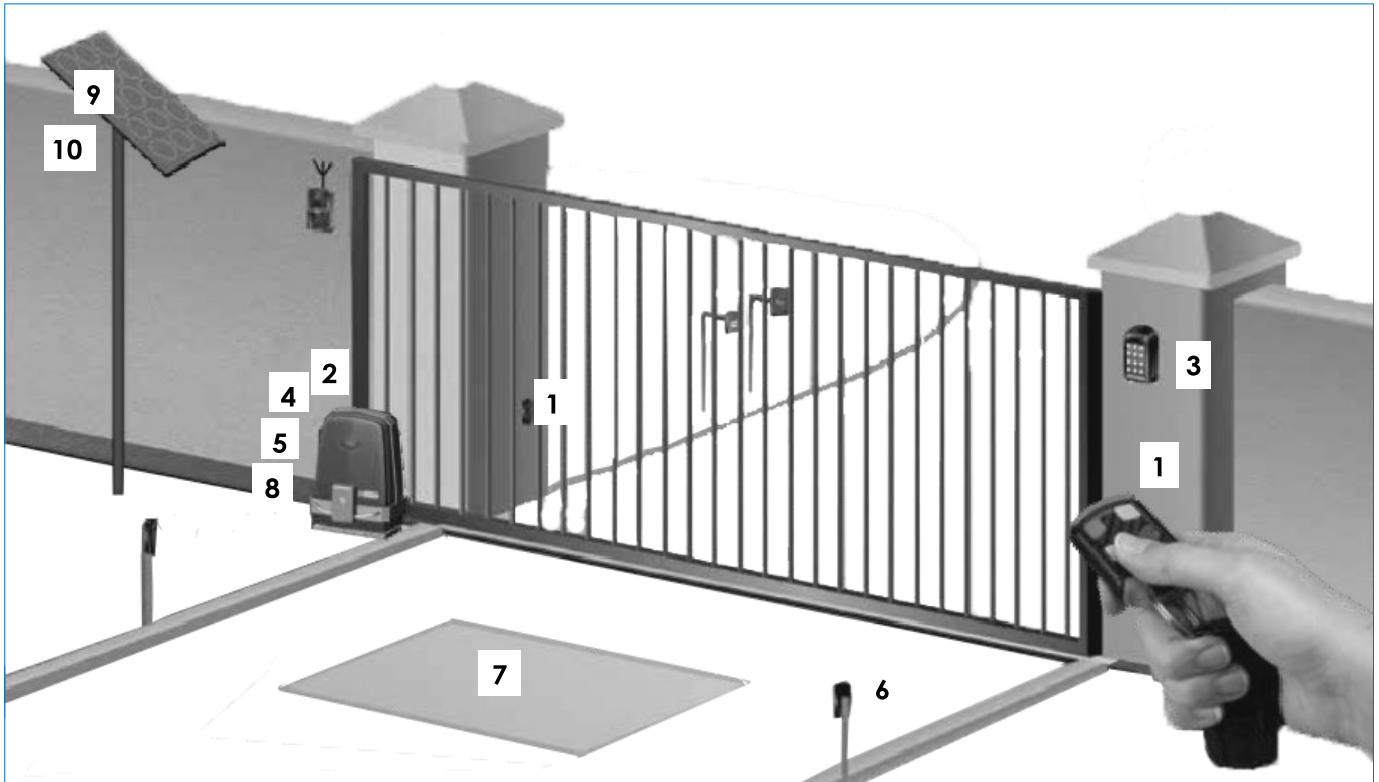
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# PRODUCT ACCESSORIES

D5 EVO Sliding Gate Operator



### 1. Transmitters

Available in one, two, three and four-button variants. Incorporates code-hopping encryption.



### 5. G-Ultra GSM device

A flexible, mobile-based GSM solution for monitoring and activating the operator.



### 9. Solar Panel (optional)

Alternative means of powering the gate operator when main supply is unavailable.



### 2. WiZo-Link Module

Wireless input/output module using mesh network technology creating fully wireless connections between devices.



### 6. SafePass Photon Battery PE Safety Beam

Wireless infrared PE beams with a battery powered transmitter in a compact waterproof IP 54 ABS enclosure.



### 3. SMARTGUARD or SMARTGUARDair Stand Alone keypad

Cost-effective and versatile wired and wireless keypad, allowing access to pedestrians.



### 7. LD113 Loop Detector

With a very fast response time of 120ms the loop will provide an excellent safety feature for even the fastest sliding gates. **LD106 Loop Detector** is the alternative for use with solar.



### 4. LX Long Range Remote Radio Controls

The LX range of receivers, transmitters and repeater unit provide the perfect solution for environments that experience transmission problems.



### 8. Theft-resistant cage and padlock

Retro-installable steel cage that increases the resistance of the operator against theft.



### 10. Low-voltage power supply

If 240V power at the gate is not feasible, this optional low-voltage power supply kit is a simple, cost effective option.

