

# D5 Evo SMART High Speed Sliding Gate Operators

Heavy residential operator with battery back up



The D5 EVO SMART sliding gate operator is designed for heavy residential applications which need a fast opening speed, strength and dependability. The D5 EVO SMART is the fastest operator in this class, at 24 metres per minute (400mm per sec) and suited for gate up to 500kg.

This 12v operator comes with batteries as standard back up and has a low voltage charger as an option.

The opening and closing speeds as well as the ramp up/ramp down are independently adjustable.

## Uninterrupted Security and Convenience

Dependable battery-driven technology ensures seamless operation even during power outages.

## Easy Installation, Convenient Commissioning and Operation

Effortless smartphone setup and single-action manual release, saving installers time and effort with the industry-leading design and App-based programming with an easy-to-use and intuitive graphical user interface.

## Intelligent Features, Intelligent Insights, Seamless Control

Advanced alerts, notifications and reporting keep you informed and in control with easily accessible real-time diagnostics and logging. Manage your gate with maximum convenience, control and flexibility with the user-friendly smartphone app.

## Wireless, Effortless Safety

Compatible with Photon SMART PE Beams for a complete wireless and easy to configure experience.

## Enhanced Security

Built-in vibration sensor to detect theft/tamper that can be mapped to an output for alarm system integration or to activate a 12Vdc siren at the gate can also be combined with the optional improved theft-resistant cage.

## Remote Control

A rolling code high security 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.



Remote Control

## Technical Specifications

Specifications	D6-SMART	
Input voltage <sup>1</sup>	110V - 240V AC 50/60Hz <sup>1</sup> or Low-voltage 16V AC or Solar Power	
Current consumption (Mains)	320mA peak	
DX12V Battery charger current output	1.8A@ 14.3V (+/-5%) (28W)	
Maximum Number of operations per day	150 <sup>3,6</sup>	
Motor voltage	12V DC	
Motor power supply	Battery-driven (Standard Capacity 1x12V)	
Current consumption (motor at rated load)	13A	
Input/Output sink currents (Max accessory current draw)		
I/O 4 and I/O 5	100mA (12V)	
O 6	3A (12V) 10sec Pulse	
Motor push force - starting	30kgf	
Motor push force - rated	17kgf	
Gate mass - maximum	500kg	
Gate length - maximum	20m	
Gate speed (varies with load) <sup>4</sup>	Up to 24m/min (400mm/sec)	
Manual Override	Lockable with key release	
Operations in battery backup mode with 7.2Ah batteries	<div>Operating Modes</div> <div>Up to 24m/min 7kgfUp to 18m/min 17kgf</div>	
Half day <sup>5, 6, 8</sup>	90	44
Full day <sup>5, 6, 8</sup>	70	35
Collision Sensing	Electronic	
Operating temperature range	-15°C to +50°C	
Onboard receiver type	Code-hopping multichannel receiver with selective add and delete	
Receiver code storage capacity	1500 Remotes <sup>7</sup>	
Receiver frequency	433.92MHz	
Degree of protection	IP55	
Mass of unit packed (with standard kit, but excl. rack and battery)	7.1kg	
Packaging dimensions (with standard kit, but excl. rack and battery)	325mm wide x 245mm deep x 395mm high	
<div><div>1 Can operate off a solar supply, consult your local dealer for assistance</div><div>2 Based on 25°C ambient temperature and unit not in direct sunlight</div><div>3 Based on a motor push force of less than 50% of rated (Starting and Running forces)</div><div>4 Opening and closing speeds can be configured to run slower depending on the requirements of individual installations</div><div>5 Based on 7Kgf. Gates requiring up to 17Kgf will result in fewer operations</div><div>6 Based on 4m gate, excluding all accessories</div><div>7 Multiple buttons per remote can be used</div><div>8 Based on the type and condition of the Battery</div></div>		

## Dimensions



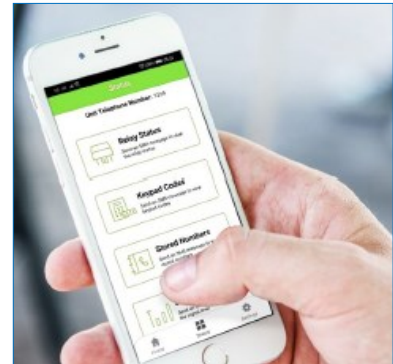
## MyCentsys Apps

Effortless operator set-up and gate management using your smartphone

### MyCentsys Pro App (for installers)

*The MyCentsys Pro app makes setting up and configuring the operator's many features quick and easy. Set the gate limits, speed, automatic closing and unique profiles for users, with just a few taps.*

Once connected to the gate operator, the intuitive interface is incredibly simple to use, with a user-friendly graphic front-end and built-in tutorials giving quick and easy access to a host of features.



#### Features include:

- Step by step gate limit and configuration wizard
- Detailed diagnostics and real-time display of system health (for example battery voltage and mains on/off)
- Backup and Restore NOVA transmitters using MyCentsys Cloud— manage up to 1500 NOVA transmitters from your phone (custom name, add, edit, delete, disable)
- Quick access to technical support
- Access to device event logs (for example last remote pressed, collisions detected)
- Seamless integration with SMARTGUARDair wireless access control keypad
- Multiple custom gate triggers (mode of operation, speed and autoclose)
- Adjustable safety parameters such as gate sensitivity to obstructions
- Easily back up and restore settings

Download the MyCentsys Pro App to get simple mobile access to set up and configure the D5 Evo SMART sliding gate operator.



### MyCentsys Remote App (for users)

*Take control of your gate and/or garage access with MyCentsys Remote*

MyCentsys Remote is feature-rich interface for all gate access and automation requirements. This app that seamlessly integrates with both SMART and ULTRA solutions providing live device status and health information, push notifications, and the ability to trigger actions, all in one convenient app.

#### Features include:

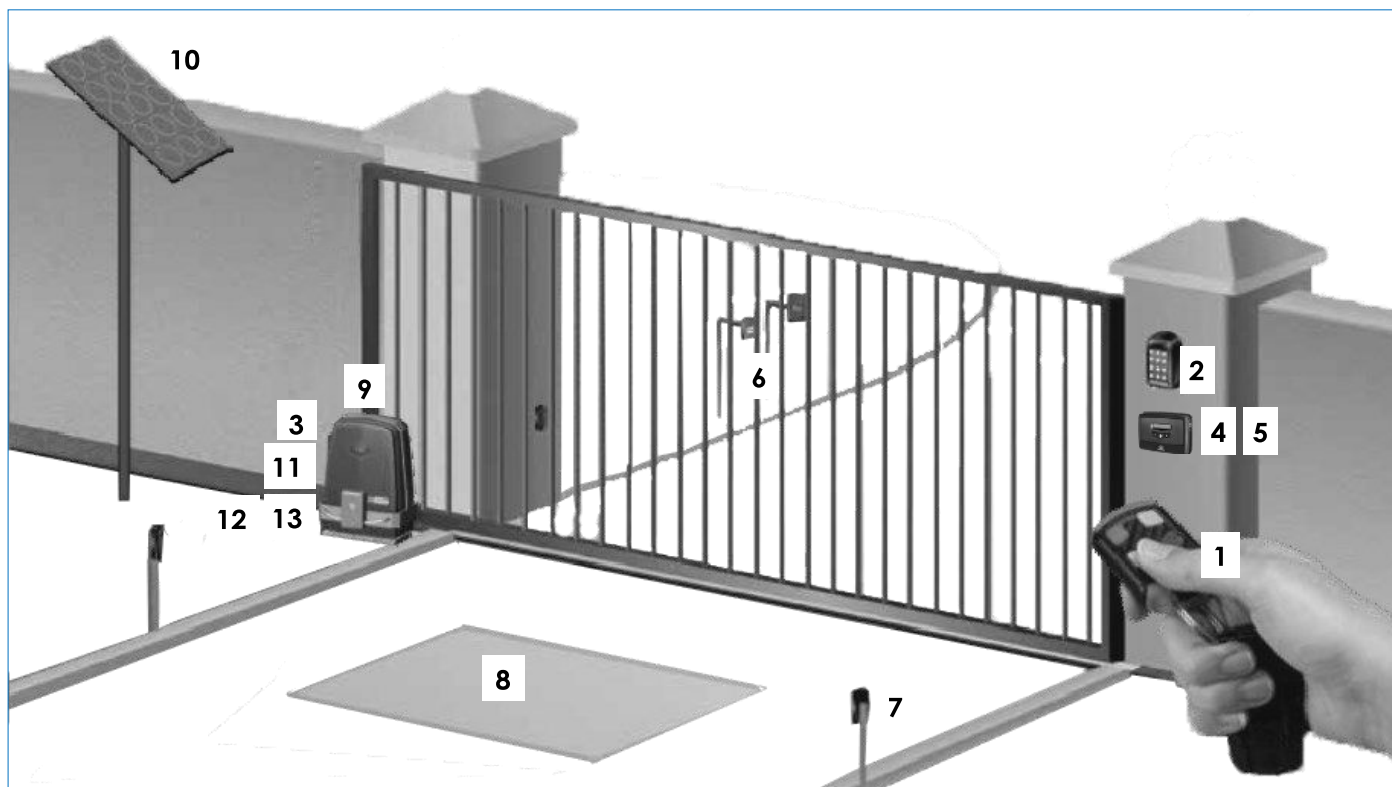
- Ability to conveniently open and close the gate operator from your phone.
- Keep an eye on device health, battery status, and mains presence of their gate operator, all from within the app
- Biometric and PIN options available for increased protection
- Configure your favourite actions, customise device icons, and receive in-app notifications of errors and alarms
- Expert assistance is available via the app's technical support chat function.

Download the MyCentsys Pro App to get simple mobile access to control and manage the D5 SMART sliding gate operator.



# PRODUCT ACCESSORIES

## D5 Evo SMART Sliding Gate Operator



### 1. Transmitters

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



### 2. SMARTGUARD or SMARTGUARDair Stand Alone keypad

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



### 3. LX Long Range Remote Radio Controls

The LX range of receivers, transmitters and repeater unit provide the ideal solution for environments with transmission problems.



### 4. G-SPEAK Ultra

Answer your intercom from anywhere for maximum security and convenience—4G technology.



### 5. G-Ultra GSM device

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



### 6. Metal Gate Station

Communication hub for the G-SPEAK Ultra GSM intercom—available in 1, 2 and 4 variants.



### 7. SafePass Photon SMART PE Safety Beam

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



### 8. LD113 Loop Detector

With a fast response time of 120ms the LD113 loop provides excellent safety for fast sliding gates.

**LD106 Loop Detector** is the alternative for use with solar.



### 9. Theft-resistant cage and padlock

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



### 10. Solar Panel (optional)

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



### 11. Power Pack

Run your gate directly from mains. Optional battery backup for added flexibility.



### 12. 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.



### 13. Low-voltage Charger

Reliable cost-effective way to power your gate operator and enjoy outstanding performance and flexibility.

