



**R3**™

**R5**™

**Perfect  
your  
swing!**



SWING GATE  
OPERATORS



SLIDING GATE  
OPERATORS



GARAGE DOOR  
OPERATORS



REMOTE  
CONTROLS



INTERCOMS



SAFETY BEAMS



KEYPADS





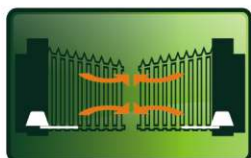
Isn't there just something more inviting about a swing gate?

After a long, hard day it's nice to be beckoned in by the welcoming arms of a CENTSYS **R Series**. It's like having an excitable puppy, doting wife and loyal butler all rolled into one - and anxiously awaiting your arrival.

For regal, rotary swing gates, look no further than the CENTSYS **R Series**. You've arrived.

## Main features

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### Smooth and reliable

The sinusoidal motion of the **R Series'** rotary arm ensures that, without any fancy speed control, your gate smoothly accelerates – then gradually comes to a graceful stop. Beyond just looking more professional, this fluid movement actually extends the lifetime of the operator. No shock loading or jerkiness means the **R Series** will serve you for many years to come.



### Easy to install

No cutting, drilling or welding necessary. Our ingenious fully adjustable mechanical linking system makes our **R Series** almost too easy to install. Change the length of the drive arm to suit, then adjust the connecting arm length like you would a ski pole. The **R Series** does all the hard work for you.



### So versatile

You can mount the **R Series** on a pedestal away from your gate for best locking of the system and optimum security. If you prefer the minimalist look, mount the operator to the gate pillar via a wall bracket so it's out of sight.





## Safe and quiet functioning

If you live in a busy townhouse complex, the constant drone of a noisy gate operator may drive you over the edge. Thankfully, the **R Series**' geared DC motor is very hush-hush and won't disturb the tranquility. You'll think you're living on a quiet retreat in the country.



## Rapid operation

There's nothing more annoying than a slow gate when you just want to get home. The **R Series** swings open at an invitingly fast pace. If you're paranoid that someone may sneak in behind you, use the Beam Autoclose feature (PIRAC)\* to set your gates to automatically close the moment you have driven in and ruin any criminal's day.

\* Inductive loop or infrared beams must be fitted



## Accurate position control

Innovative internal position control makes installation easy. Sensitive anti-crushing control means that your car and your children's limbs are safe.

Should our **R Series** detect even the tiniest obstruction, your gates will stop and immediately reopen – we wouldn't dare ruin your arrival.



## Secure locking

There will always be someone who wants what you have. Fortunately, an irreversible gearset makes sure that our **R Series** is locked tight.

Nobody can tamper with it and get onto your property.



## Proven lightning protection

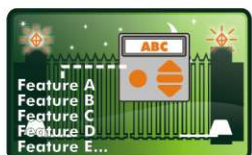
Nothing's going to rain on your parade. More than 15 years worth of research has been put into the lightning and surge protection on our **R Series**. Come sunshine or rain, you can rely on the **R Series**.



## Uninterrupted operation

The **R Series** switches seamlessly between battery and mains and can even be solar powered. You can always get in – even if the power is off.

It's actually extremely difficult to stop our **R Series** from serving you.



## Multiple operating features

Customise the **R Series** to your exact requirements with a number of different operating features. Whether you need an operator for your home or a townhouse, the **R Series** swings to your style.



## Lifetime of service

Manufactured to the ISO9001-2008 quality standard and CE certified, it's unlikely that your **R Series** would ever spoil your day. However, should you require any assistance, an extensive network of qualified installers and technicians is just one phone call away.



SWING GATE  
OPERATORS



## Accessories



### CENTSYS Infrared beams

Always recommended on any gate automation installation



### SMARTGUARD or SMARTGUARDair keypad

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



### SOLO/Lattice Proximity Access Control System

Proximity reader allowing for access to both pedestrians and vehicles, while offering a higher level of security than a keypad



### POLOphone intercom

Allows visitors to communicate with people inside in order to gain access to the property



### CENTSYS receivers

Single and multichannel receivers for reliable remote activation. Incorporates ultra-secure code-hopping encryption



### FLUX SA Loop Detector

Allows free-exit of vehicles from the property - requires ground loop to be fitted



### CENTSYS transmitters

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



### Gooseneck

Steel pole for mounting intercom gate station or access control reader



### Solar supply

Alternative means of powering the system - consult your CENTSYS dealer



Pedestal mounted,  
perpendicular to pillar



Wall-mounted, perpendicular  
to pillar

Hinge centre to edge of pillar  
170mm - 340mm (300mm recommended)



Wall mounted,  
parallel to pillar

## Technical specifications

	R3	R5
Input voltage	220V - 240V AC $\pm$ 10%, 50Hz★	
Motor voltage	12V DC	
Motor power supply	Battery driven (standard capacity - 7Ah)†	Battery driven (standard capacity - 7Ah)†
Battery charger	CP84E - 800mA @ 13.8V	NA
	Industrial	CP84SM - 2A @ 13.8V
Current consumption (mains)		
Domestic	60mA	NA
Industrial	NA	170mA
Current consumption (mains)	4A	6A
Current consumption (motor at rated load)	70A	70A
Operator output torque - maximum	95Nm	250Nm
Output shaft rotational speed - no load	3.5rpm	2.6rpm
Typical gate opening time - 90° opening	11 sec	17 sec
Manual Override	Allen key under locked cover with key release	
Maximum number of operations per day	150	250
Duty cycle - mains present ★★	20%	50%
Operations in standby with 5Ah battery		
Half day ◇	81	34
Full day ◇	64	27
Two days ◇	31	13
Operations in standby with 40Ah battery		
Half day ◇	150	226
Full day ◇	150	219
Two days ◇	150	205
Collision Sensing	Electronic	
Operating temperature range	-15°C to +50°C	
Maximum leaf width for corresponding gate mass	2m - 350kg 3.5m - 350kg	2m - 600kg 3.5m - 260kg

★ Can operate off a solar supply, consult your CENTSYS dealer for assistance

† Can increase battery capacity to 35A for longer standby times

★★ Based on 25°C ambient temperature and unit not in direct sunlight

◇ Based on an operator push force of less than 50% of rated

◇ Based on four metre gate, excluding infrared safety beams

## Overall dimensions

