

HENDERSON

GARAGE DOORS



Gate & Gate Automation



SAFE-SECURE-RELIABLE

When installing gates and gate automation we only install high quality products that will provide many years of trouble free service.

Every project is unique in terms of client expectations and safety requirements. We listen, advise and then propose the best solution to meet those expectations.

As a Gate Safe Aware installer we are well versed on all of the requirements to ensure a safe and reliable installation.

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SLIGHT

For sliding gates weighing up to 400kg with a leaf length up to 6m.
Motor with built-in control unit and absolute encoder.

Courtesy or ———
flashing LED light



SLIGHT

Innovative ultra-compact design: the vertical configuration of the motor makes it easy to install even in narrow openings.

User-friendly: thanks to the BlueBUS system, it allows the control unit to be connected to up to 7 pairs of Moonbus series photocells and control, security and signalling devices with just two wires.

Built-in LED light: programmable as either a flashing or courtesy light, it warns of gate movement during opening and closing.

Master/slave selection: for automatic synchronisation even of 2 motors, allowing automation of sliding gates with two opposing leaves.

Intelligent: thanks to obstacle detection and automatic working time programming. Self-diagnostics with flashing light signalling.

Safe: adjustable acceleration and deceleration at the start and end of every opening and closing operation.

Built-in absolute limit stop:

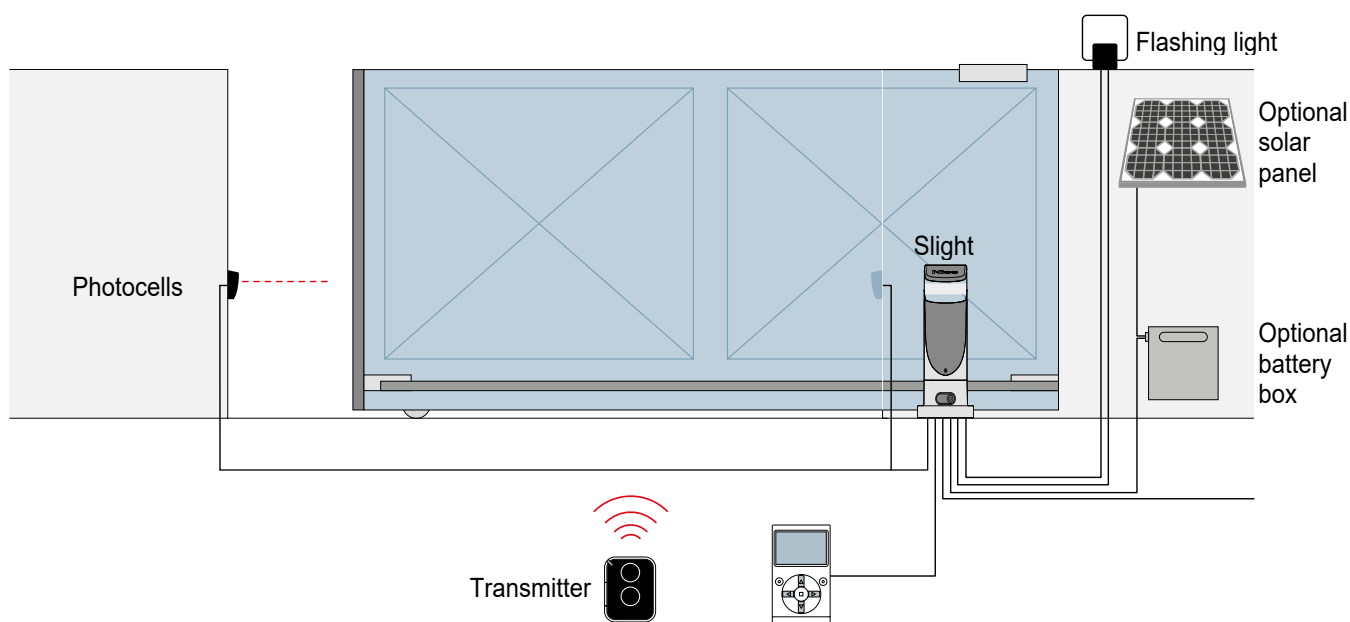
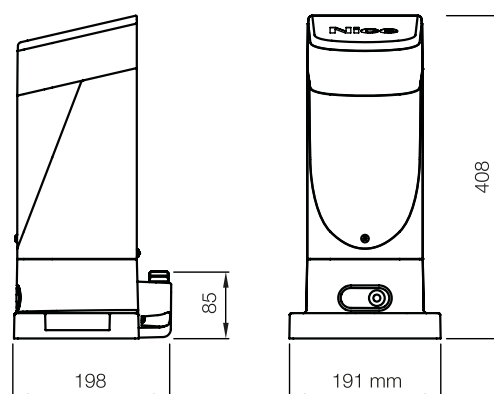
- simple and precise regulation thanks to the rapid learning in a single movement with the motor released;
- no bracket or accessory to be installed on the ratchet;
- particularly suitable in snow areas.

Practical: control unit and optional PS124 buffer batteries can be connected by means of practical guided - connector.

TECHNICAL SPECIFICATIONS

Code	RB400
Electrical data	
Power supply (Vac 50Hz)	230
Power supply (Vdc)	~
Current (A)	1.1
Power (W)	250
Performance data	
Speed (m/s)	0.34
Torque (Nm)	400
Work cycle (CYCLES/HOUR)	35
Dimensional and general data	
Protection Level (IP)	44
Working temp (° Min/Max)	-20 to +50
Dimensions (mm)	191x198x408h
Weight (Kg)	8

DIMENSIONS



ROBUSKIT

For sliding gates weighing up to 400kg (RB400), 600kg (RB600) and 1000kg (RB1000).
Gear motor with Nice BlueBUS technology, electromechanical limit switch.



ROBUSKIT

User-friendly: Nice BlueBUS technology powers and controls a maximum of seven couples of photocells from the MoonBus series using only two wires.

Practical: the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the Robus.

Advanced: Robus is equipped with a temperature sensor which adapts the motor power to the climate conditions and enables a thermal cut-out if necessary. A master/slave selection automatically synchronises two motors. This means it is possible to automate 2-leaf sliding gates set opposite each other.

Intelligent: thanks to the obstacle detection system and automatic programming of the working times. A flashing light indicates the nature of any problem occurring in the system.

Safe: acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

Sturdy: base and release handle in pressure die cast.

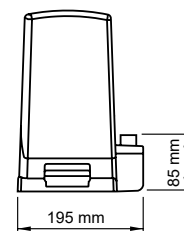
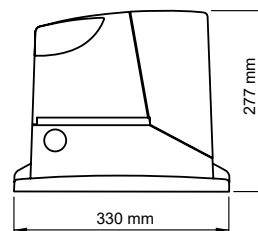
Very quiet: gear motor on bearings.

TECHNICAL SPECIFICATIONS

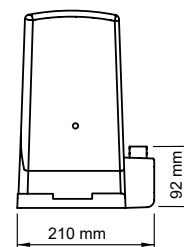
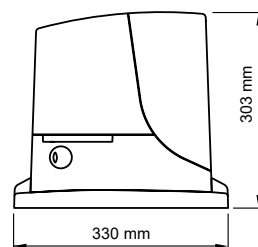
Code	RB400	RB600	RB1000
Electrical data			
Power supply (Vac 50Hz)	230		
Power supply (Vdc)	~		
Current (A)	1.1	2.5	2.3
Power (W)	250	515	450
Performance data			
Speed (Rpm)	0.34	0.31	0.28
Torque (Nm)	400	600	900
Work cycle (%)	35	40	50
Dimensional and general data			
Protection Level (IP)	44		
Working temp (° Min/Max)	-20 to +50		
Dimensions (mm)	330x195x277h	330x210x303h	330x210x303h
Weight (Kg)	8	11	13

DIMENSIONS

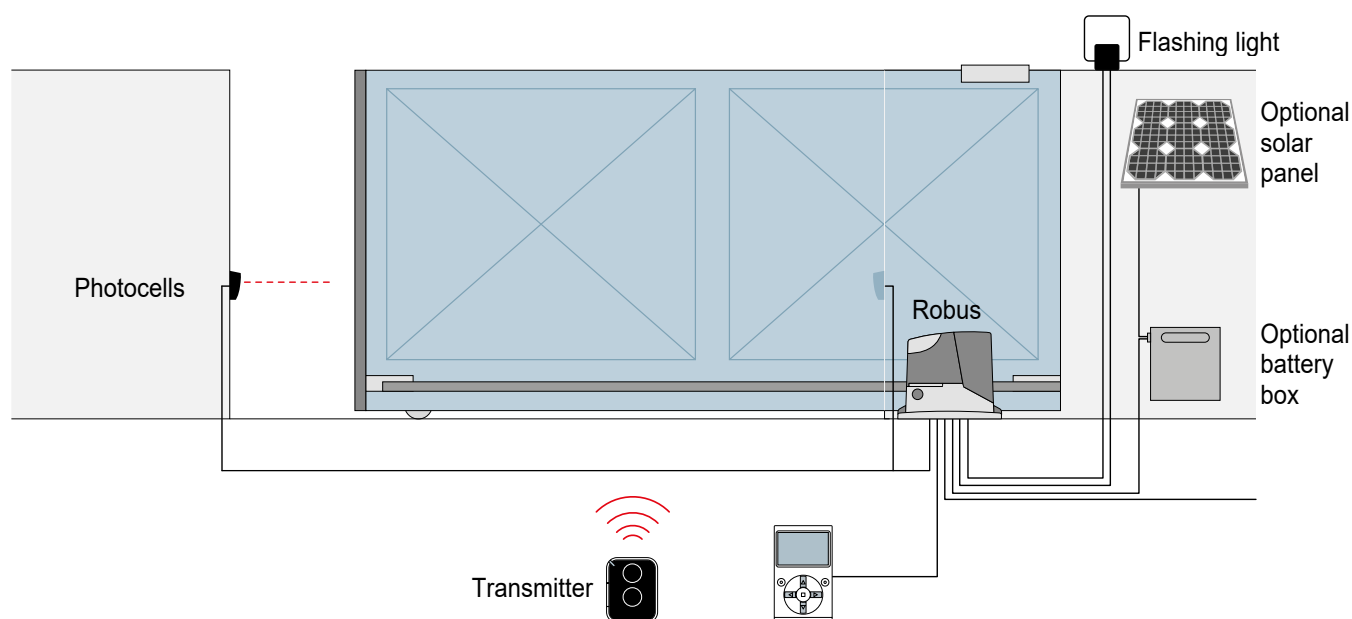
RB400



RB600



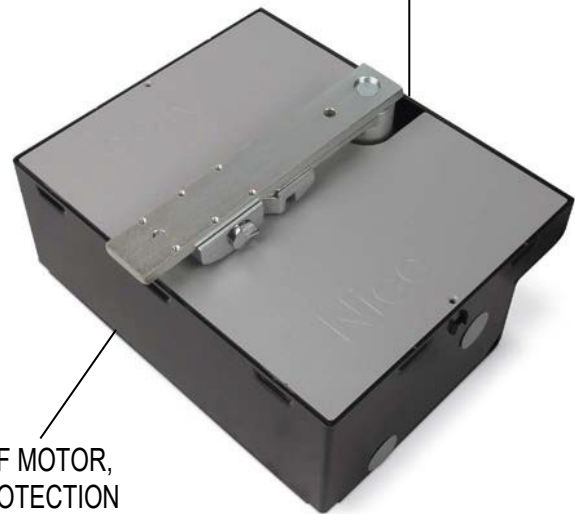
RB1000



L-FABKIT

For swing gates with leaves up to 4m, underground installation.
Irreversible electromechanical gear motors, also available in 24 Vdc versions with magnetic encoder and mechanical stop.

RELIABILITY AND RESISTANCE



WATERPROOF MOTOR,
WITH IP67 PROTECTION
RATING



L-FABKIT

Foundation boxes with mechanical stop on opening:

- In stainless steel (BMBOX41), ideal for use in extreme conditions
- Standard cataphoresis paint finish (BMBOX4), highly corrosion resistant

Maximum freedom of choice: release from inside or outside. Two key or lever operated models, easy to operate with just one hand

Simple to use: built-in mechanical stop system on closure
Standard opening to 110°, or optional 360°.

Ideal for intensive use, BM4024 model is compatible with the control unit Moonclever MC824H, with BlueBUS technology, Solemyo and Opera systems:

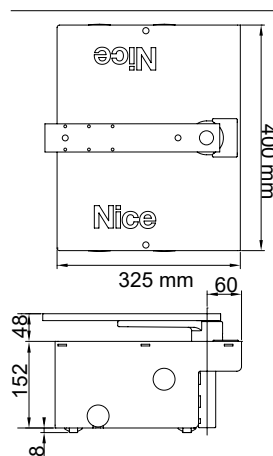
- Simple programming via a single key
- Self-learning of travel limits on opening and closing

- Self-diagnostics of faults
- Programming of pause time
- Pass door
- Deceleration on opening and closing
- Dual technology obstacle detection
- Operation in event of power failure with optional rechargeable batteries (PS324)
- Provision for connection of latest generation sensitive edges

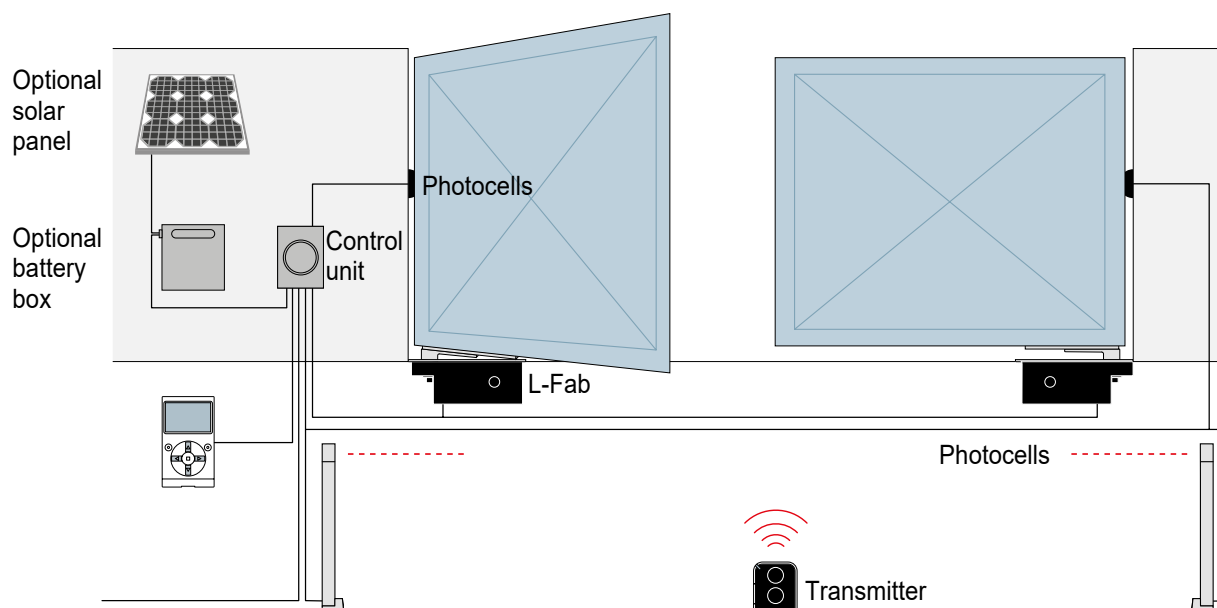
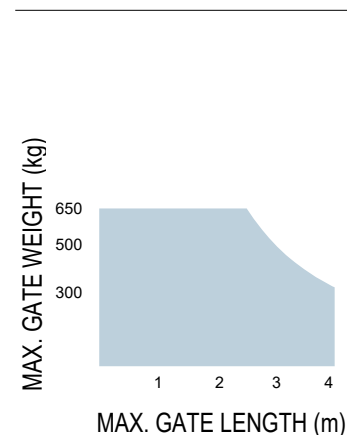
TECHNICAL SPECIFICATIONS

Code	BM4024	BM4000
Electrical data		
Power supply (Vac 50Hz)	~	230
Power supply (Vdc)	24	~
Current (A)	5	1.5
Power (W)	120	340
Performance data		
Speed (Rpm)	1	0.8
Torque (Nm)	300	500
Work cycle (%)	60	20
Dimensional and general data		
Protection Level (IP)	67	
Working temp (° Min/Max)	-20 to +50	
Dimensions (mm)	400x325x150h	
Weight (Kg)	14.4	

DIMENSIONS



UTILISATION LIMITS



HOPPKIT

For swing gates with leaves up to 2.4m, ideal for large pillars.
Irreversible electromechanical 24 Vdc gear motor with articulated arm, surface mounted.
Ideal for intensive use.



HOPPKIT

Two irreversible 24 Vdc versions with micrometric adjustment of mechanical stops on opening and closing: with built-in control unit (HO7124) and without control unit (HO7224)

Powerful thanks to the 250Nm torque.

Resistant and compact: 180 mm in width, ideal for any kind of post. Small shockproof body with aluminium base.

Sturdy, aluminium anti-shearing arm.

Easy to install: thanks to the new fixing bracket with quick connector for the motor. No welding.

Sophisticated electronics with built-in control unit, just 3 keys to manage all programming operations: built-in mechanical stop system on closure

- obstacle detection and possibility of connecting to 8.2 KOhm sensitive edge
- automatic fault diagnostics
- Memorisation of opening and closing travel limits in self-learning mode
- Possibility of configuring the stop input in self-learning mode, NO, NC and the latest generation 8.2 Kohn resistive sensitive edges
- deceleration on opening and closing
- Simple connection of pairs of additional photocells

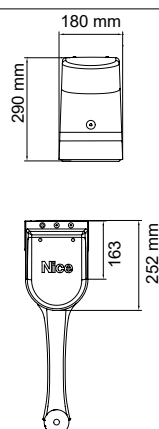
- programming of pause time
- pedestrian open and partial open
- clutch with ant-crushing safety mechanism
- Operation in event of power failure with optional rechargeable batteries (PS324)

Energy saving with no black outs: with metal lock and personalised Nice key. With provision for cable control.

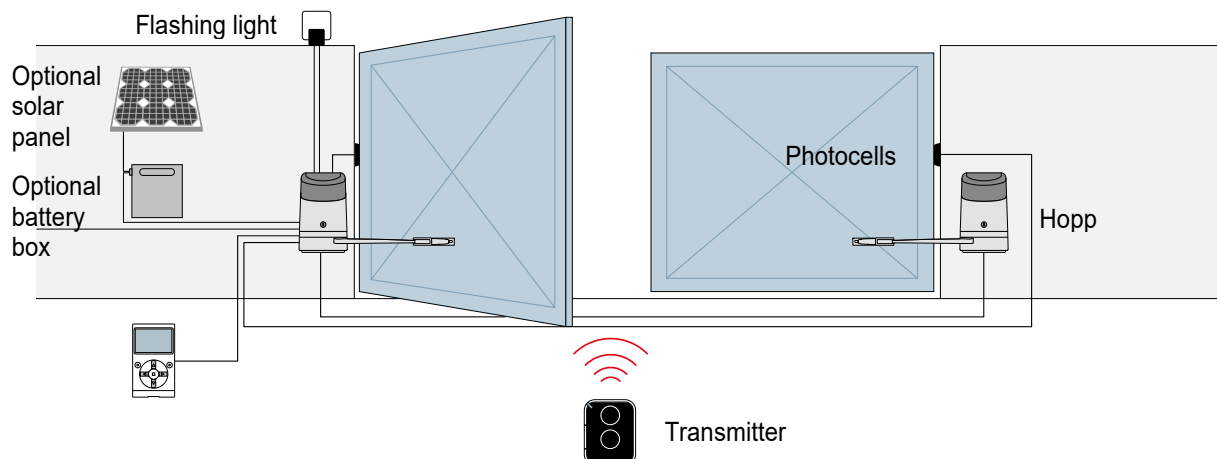
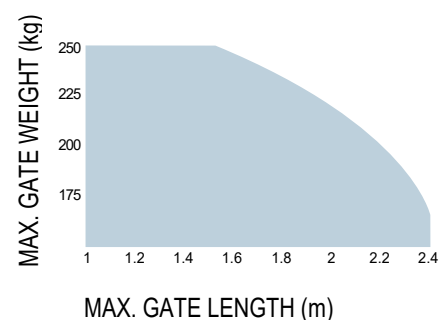
TECHNICAL SPECIFICATIONS

Code	HO7124	HO7224
Electrical data		
Power supply (Vac 50Hz)	230	~
Power supply (Vdc)	~	24
Current (A)	1.4	6
Power (W)	280	180
Performance data		
Speed (Rpm)	168	
Torque (Nm)	250	
Work cycle (%)	35	
Dimensional and general data		
Protection Level (IP)	54	
Working temp (° Min/Max)	-20 to +50	
Dimensions (mm)	252x180x290h	
Weight (Kg)	9	6.5

DIMENSIONS

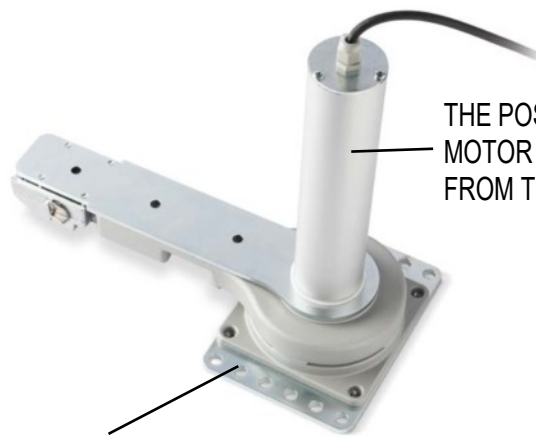


UTILISATION LIMITS



OLTRE 1824

The invisible motor for swing gates weighing up to 100 kg and with a leaf length of up to 1.8 m.
24 Vdc irreversible electromechanical gear motor.



THE POSITION OF THE GEAR MOTOR PROVIDES PROTECTION FROM THE ELEMENTS

PRACTICAL BRACKET FOR PRECISE MOTOR POSITIONING



OLTRE 1824

Minimum visual impact

The motor is small enough to be easily installed inside the profiles of the gate leaf or in very slim posts (with a minimum diameter of 55mm)

Easy to install

The bottom up installation simplifies fixing of the motor inside the post.

Resistant

IP 67 die-cast aluminium structure: Oltre resists even the harshest weather conditions

Quick and reliable

Complete opening (90 degrees) of the leaf in about 10 seconds. Oltre has been tested for use at 60 cycles/hour, making it suitable for all contexts with intensive use.

Safe

Easy-to-use external manual release: the gate can always be opened manually, without having to take it apart.

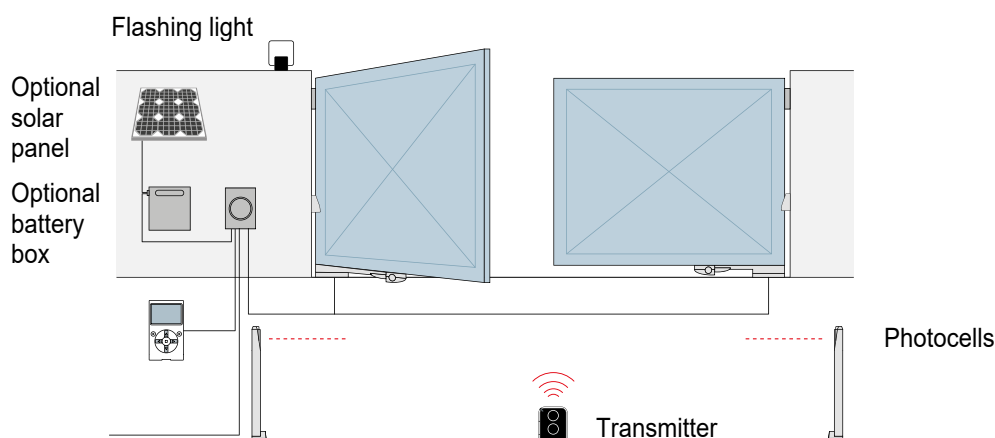
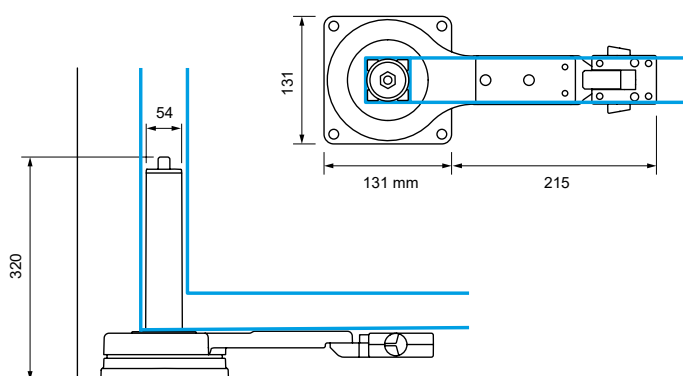
Moonclever MC824L control unit:

- easy to programme
- Self-learning of opening and closing limit positions
- automatic fault diagnostics
- programming of pause time
- pedestrian pass door
- deceleration during opening and closing
- obstacle detection with dual technology
- operation in event of power failure with optional rechargeable battery
- provision for connection of safety edges

TECHNICAL SPECIFICATIONS

Code	OLTRE1824
Electrical data	
Power supply (Vac 50Hz)	~
Power supply (Vdc)	24
Current (A)	1
Power (W)	25
Performance data	
Speed (Rpm)	15
Torque (Nm)	150
Work cycle (%)	60
Dimensional and general data	
Protection Level (IP)	67
Working temp (° Min/Max)	-20 to +50
Dimensions (mm)	305x145x346h
Weight (Kg)	5.5

DIMENSIONS



TOONAKIT

For swing gates with leaves up to 3m (Toona4), 5m (Toona5) and 7m (Toona7). Ideal for all requirements from residential to industrial applications.

Electromechanical 24 Vdc gear motors, surface mounted, with magnetic encoder.



TOONAKIT

The 24 Vdc version with magnetic encoder and new control unit Moonclever (MC824H) equipped with BlueBUS technology, is designed for operation with the Solemyo solar power system.

Quality and durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents. Bronze lead screw for **safe closure**.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

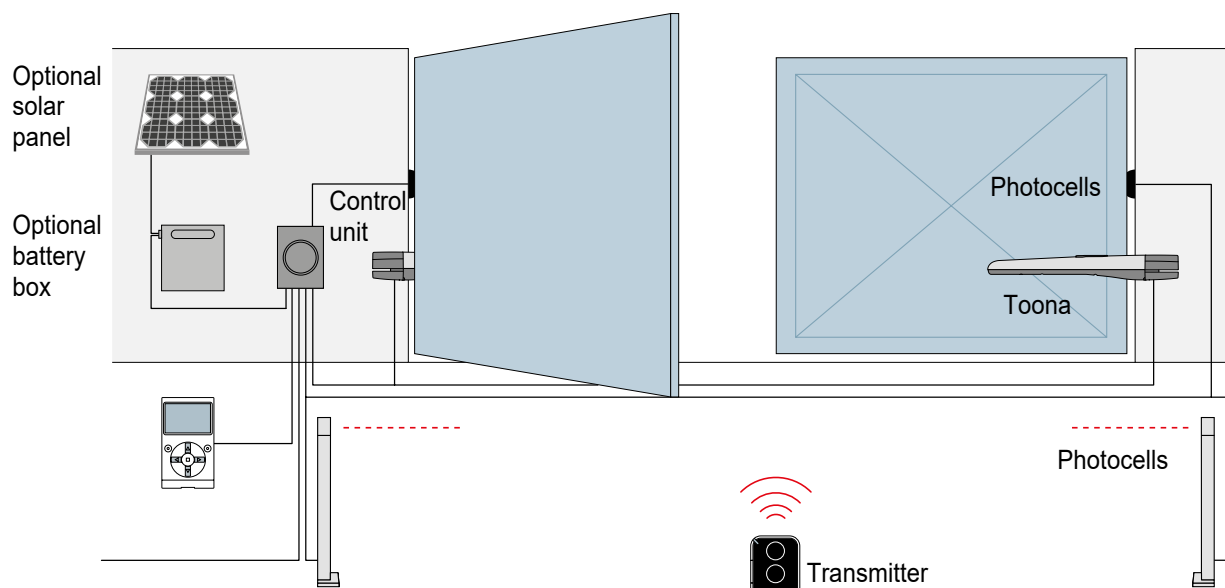
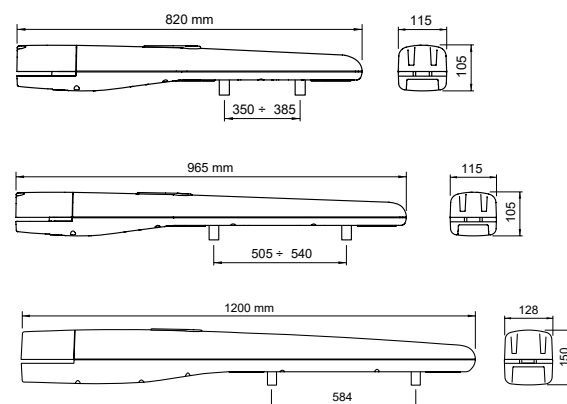
24 Vdc version with magnetic encoder,
perfect for intensive use:

- Easy programming by pressing a single button
- clutch with anti-crush safety feature
- Automatic memorization of limit switches in opening and closing with self-learning function
- Pause time programming; partial opening; slowdown during opening and closing
- operation in event of power failure with optional rechargeable batteries (PS324)

TECHNICAL SPECIFICATIONS

Code	TO4024	TO5024	TO7024
Electrical data			
Power supply (Vac 50Hz)	~		
Power supply (Vdc)	24		
Current (A)	5		
Power (W)	280		
Performance data			
Speed (Rpm)	0.016		0.013
Force (N)	1800		2700
Work cycle (%)	95		41
Dimensional and general data			
Protection Level (IP)	44		
Working temp (° Min/Max)	-20 to +50		
Dimensions (mm)	820x115x105h	965x115x105h	1200x128x150h
Weight (Kg)	6	7	15

DIMENSIONS



CONTROL



ERA INTI

A colourful line of 1 and 2 channel miniaturised transmitters available in six colours.



ERA KEYPAD

Extremely strong metal body only 27mm in depth.



ERA KEY

Key selector with Euro cylinder lock.



ERA TRANSPONDER

Transponder proximity reader for cards and badges.



TRANSPONDER

Transponder badge with key hole.



NOLD BLUETOOTH

Open and close using any smartphone with this device installed inside the gate control unit. Complete with free App which can be shared amongst family members with the ability to set access parameters.



ERA PHOTOCELLS AND POSTS

Synchronized photocells to pick up obstacles on the optical axis between transmitter and receiver. These can be surface mounted to gate piers / posts or housed in the attractive ERA aluminium posts.



ACCESS



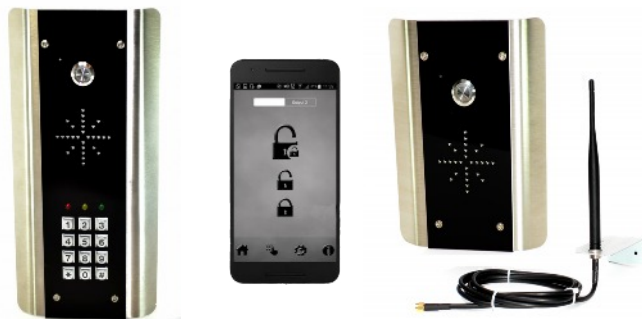
AES DECT 603

A simple digital DECT wireless intercom with a working range of approx 200 metres. Available with or without keypad option and can incorporate up to 4 handsets.



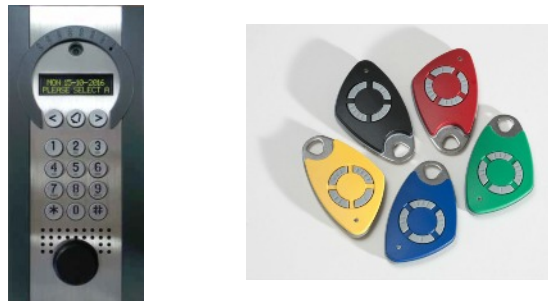
AES CELLCOM PRIME

GSM intercom for unlimited range access control. The unit calls fixed and mobile numbers in sequence. Available with or without keypad option and optional app for advanced control.



RENO VIDEO INTERCOM

4G video intercom for unlimited range access control. The unit calls fixed and mobile numbers in sequence and can be operated by remote control fobs and proximity tags. Fully configurable online with the ability to delete users or lost remote controls within minutes.



AES PREDATOR

WI-FI Video intercom that is easily connected to your existing home WI-FI. (Can be hard wired) Can dial 4 devices simultaneously, answer calls when your away from home.



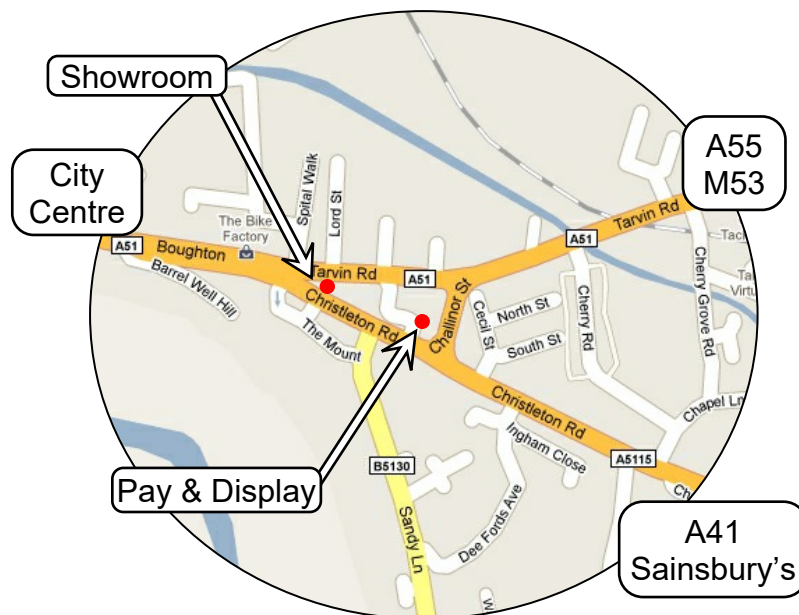
SOMFY V100

Hard wired video intercom with two wired outputs for gate and lock release. Built in Somfy RTS wireless remote control to activate garage doors, lights etc.



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call today on
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**Chester's Only
Showroom displaying
gate automation and
over 25 garage doors**



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