ICONS

Throughout this section there are various icons to help you with your product selection.

EN TESTED — This operator is tested in conformity with EUROPEAN STANDARDS on impact forces.

230V — The 230V gearmotors are designed for use in every day situations.

24 — The 24V DC gearmotors are designed for INTENSIVE DUTY, and are powered by low voltage.

The 230 – 400V AC 3-PHASE versions are ideal for INDUSTRIAL use as they guarantee greater gearmotor starting thrust.

This WIRELESS product is battery-powered and operates with radio technology.

This product can be remotely controlled via CAME Connect cloud technology (visit www.fhbrundle.co.uk for full details).

3 YEAR WARRANTY — This product comes with the CAME 3 year warranty.

KEY — This product is compatible with CAME Key (visit www.fhbrundle.co.uk for full details).

We would always advise you spec your jobs with safety edges. When you see this symbol it is imperative that one is used.

MOD 4 — CAME sliding gate operators use either a Mod.4 or a Mod.6 rack.

MOD 6 — This is a unit of measurement for how big the teeth are on the motor wheel. If your motor is 'Mod.4', you need a 'Mod.4' rack to attach to your gate.

This kit is Always Connected and comes complete with GSM Connect module and pre-activated SIM card, all for FREE.

Scan for more information

230-400v AC 3 phase motors are specifically designed for heavy industrial use.

If you are unsure about installing gate automation and any of the safety aspects we strongly recommend attending a training course.

Please note: Illustrations throughout this section may display items that are not necessarily supplied in the standard kits we offer. All listed equipment available seperately. The installation of infrared-beams or mechanical-contact safety edges is essential if a careful risk analysis requires it. Certain items listed in the kits throughout the catalogue (namely control boards, remote controls or safety photocells) may be substituted without prior notice for a comparative alternative if the advertised item is temporarily out of stock.

Gate Automation

SAFETY STANDARDS

All products are rigorously tested at CAME's research facility in Italy to ensure they meet strict European safety standards, and come with a full 3-year manufacturers warranty. However, once these products are fitted to a gateway it becomes the responsibility of the gate manufacturer / installer to ensure that the installation is compliant with European Machinery Directive 2006/42/EC and with all currently applicable European standards. Whenever you see the 'EN Tested' logo in this catalogue, it means that product is force-limited, making it even easier for installers to comply with the legislation without additional safety accessories.

Index

Gate Automation website section

BRUNDLE

Sidebar tabs (left margin): Steel | Wrought Iron Components | Gate Hardware | Sliding Door Gear | **Gate Automation** | Mesh | Decking & Subframe | Flooring & Stair Treads | Handrailing | Fencing | Fixings

Application	Series	Kit Codes	Max gate leaf width:	2m
Underground (Swing)	Frog — From page 292	21FROGAES24 / 21FROGAEP24	3.5m (11.5ft)	
		21FROGAES / 21FROGAEP / 21FROGS / 21FROGP	3.5m (11.5ft)	
	Frog Plus — Page 294	21FROGPLUSS5 / 21FROGPLUSP5	5.5m (18ft)	
		21FROGPLUSS7 / 21FROGPLUSP7	7m (23ft)	
Worm Drive (Swing)	ATS — From page 296	21ATSS3 / 21ATSP3	3m (10ft)	
		21ATSS324 / 21ATSP324	3m (10ft)	
		21ATSS5 / 21ATSP5	5m (16ft)	
		21ATSS524 / 21ATSP524	5m (16ft)	
	AXO — Page 295	21AXOS324 / 21AXOP324	3m (10ft)	
		21AXOS3 / 21AXOP3	3m (10ft)	
		21AXOS4 / 21AXOP4	4m (13ft)	
		21AXOS524 / 21AXOP524	5m (16ft)	
		21AXOS7 / 21AXOP7	7m (23ft)	
Articulated Arm (Swing)	Stylo — Page 298	21STYLOAS24 / 21STYOAP24 / 21STYLOSS24 / 21STYLOSP24	1.8m (6ft)	Stylo
	FTX — Page 300	21FTXS / 21FTXP	2.0m (7ft)	
	Ferni — Page 299	21FERNIES24 / 21FERNIEP24	4m (13ft)	
		21FERNIES / 21FERNIEP	4m (13ft)	
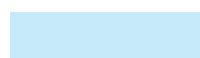
Application	Series	Kit Codes	Max gate weight:	800Kg
Sliding	BXV — Page 301	21BXV400GSKIT / 21BXV400GFKIT	400Kg	Mod.4
		21BXV600GSKIT / 21BXV600GFKIT	600Kg	Mod.4
		21BXV800GSKIT	800Kg	Mod.4
		21BXV1000GSKIT / 21BXV1000GFKIT	1000Kg	Mod.4
	BKV — From page 302	21BKV1500PKIT	1500Kg	Mod.4
		21BKV2000PKIT	2000Kg	Mod.4
		21BKV2500PKIT	2500Kg	Mod.6
	BY3500T — Page 304	21BY3500TKIT	3500Kg	Mod.6

24V DC motors are specifically designed for intensive use.

With the use of a battery backup card, they can also continue to function during a power outage.

230 - 400V AC 3-phase motors are specifically designed for heavy industrial use.

3 YEAR WARRANTY — CAME's 3 year parts warranty is the most comprehensive on offer from any brand in the automation industry.

key:
- (yellow) 230 - 400V AC 3-Phase Motor
- (grey) 230V AC Motor
- (dark grey) 36V DC Motor
- (light blue) 24V DC Motor

Professional Line

	3m	4m	5m	6m	7m
Frog					
					Frog-Plus
					ATS
		AXO			
		AXO 7			
FTX					
				Ferni	

2000Kg				3500Kg
		BXV		
BKV				
				BY3500T

The Brundleline Collection

Brundle-Drive page 311.

Brundle-Reach page 312.

Brundle-Slide page 313.

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

291

Frog

Underground swing gate automation

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

- LED flashing light
- Safety photocell
- Motor & casing
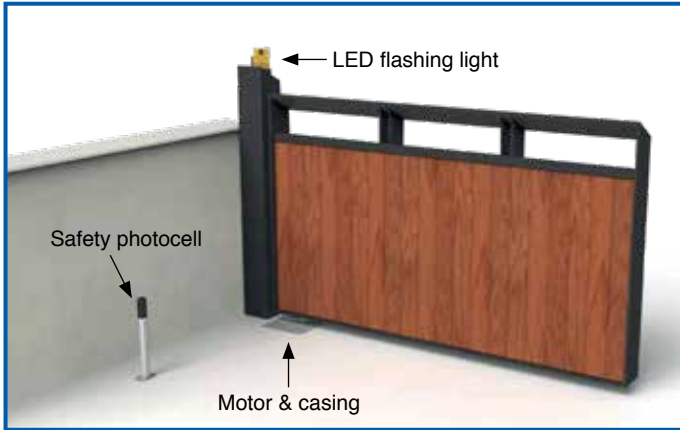
Features:

- Buried underground, Frog is the most popular method of automating a gateway
- Corrosion resistant & reliable in damp conditions
- The irreversible geared motor firmly locks the gates
- FROG-AE model features encoder based electronics for easier EN compliance
- Manual release mechanism in the event of a power cut
- Perfect for wooden or metal gates

Suitable for the following gates:

- 2.0m gate leaves weighing up to 800kg
- 2.5m gate leaves weighing up to 600kg*
- 3.5m gate leaves weighing up to 400kg*

*We recommend provision be made for an 21LOCK81 electric latch if the leaf is wider than 2.5m, see page 293.

We would always advise you spec your jobs with safety edges. When you see this symbol it is imperative that at least one is used.

Dimensions (mm):

60

160

405

330

4

Installation:

Min. 67mm

Floor finishing
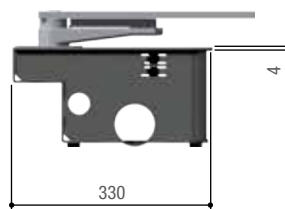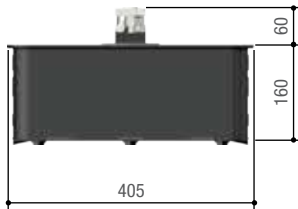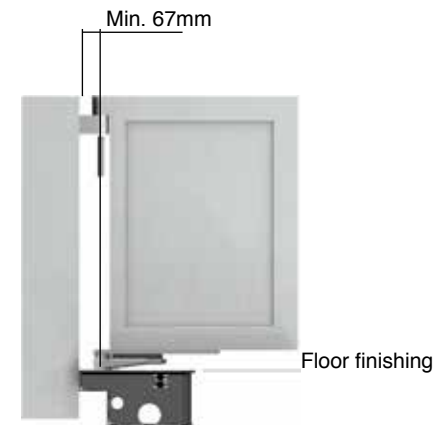
Frog-S Kit

For use with single gates

Kit Includes:
- 1 x FROG 230V motor
- 1 x steel foundation case
- 1 x 230V control panel
- 1 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FROGS

Frog-P Kit

For use with double gates

Kit Includes:
- 2 x FROG 230V motors
- 2 x steel foundation cases
- 1 x 230V control panel
- 2 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FROGP

Accessories

Control Board For Use With Swing Gates

With auxillary output for 12V devices

Description	Code
Code (Full Control Panel)	21ZA3P
Code (PCB)	213199ZA3P

Frog 230v Motor

Code
21FROGA

Frog-AE
Underground swing gate automation

FrogAE-S Kit
For use with single gates

Kit Includes:
- 1 x FROG 230V motor + encoder
- 1 x steel foundation case
- 1 x 230V control panel
- 1 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FROGAES

FrogAE-P Kit
For use with double gates

Kit Includes:
- 2 x FROG 230V motors + encoder
- 2 x steel foundation cases
- 1 x 230V control panel
- 2 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair of safety photocells
- Full installation guide

Code
21FROGAEP

FrogAE-S24 Kit
For use with single gates

Kit Includes:
- 1 x FROG 24V motor + encoder
- 1 x steel foundation case
- 1 x 24V control panel
- 1 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FROGAES24

FrogAE-P24 Kit
For use with double gates

Kit Includes:
- 2 x FROG 24V motors + encoder
- 2 x steel foundation cases
- 1 x 24V control panel
- 2 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FROGAEP24

Accessories

Frog 230v Motor
With encoder

Code
21FROGAE

Frog 24v Motor
With encoder

Code
21FROGA24E

Lock81 Electric Latch
Recommended for gates larger than 2.5m or situated in exposed, windy locations

Code
21LOCK81

A4370 Transmission Lever
For opening arcs of up to 140º

Code
21A4370

FL-180 Chain-Driven Transmission Lever
For opening arcs of up to 180º

Code
21FL180

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

Frog-Plus

Underground swing gate automation

BRUNDLE

3 YEAR WARRANTY

Features:
- Robust, sturdy & powerful
- Corrosion resistant & reliable in damp conditions
- Interchangeable supporting pin
- Automate large heavy gates up to 7m per leaf
- Suitable for high rates of traffic flow
- Easily maintained

To suit gates:
- 3.5m gate leaves weighing up to 1100kg
- 5.0m gate leaves weighing up to 800kg
- 7.0m gate leaves weighing up to 550kg

Note: We recommend the use of a 21LOCK81 electric latch on the gate leaf, see page 293.

Kit Codes	3m	4m	5m	6m	7m
21FROGPLUSS5 21FROGPLUSP5					
21FROGPLUSS7 21FROGPLUSP7					

We would always advise you spec your jobs with safety edges. When you see this symbol it is imperative that at least one is used. See page 310.

Industrial Swing Gates Up To 5.5m Per Leaf

Frogplus-S5 Kit
For use with single gates

230V

Kit Includes:
- 1 x FROG-PM4 230V motor + encoder
- 1 x steel foundation case
- 1 x 230V control panel
- 1 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FROGPLUSS5

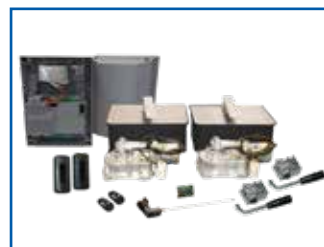### Frogplus-P5 Kit
For use with double gates

230V

Kit Includes:
- 2 x FROG-PM4 230V motors + encoders
- 2 x steel foundation cases
- 1 x 230V control panel
- 2 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FROGPLUSP5

Industrial Swing Gates Up To 7.0m Per Leaf

Frogplus-S7 Kit
For use with single gates

230V

Kit Includes:
- 1 x FROG-PM6 230V motor + encoder
- 1 x steel foundation case
- 1 x 230V control panel
- 1 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FROGPLUSS7

Frogplus-P7 Kit
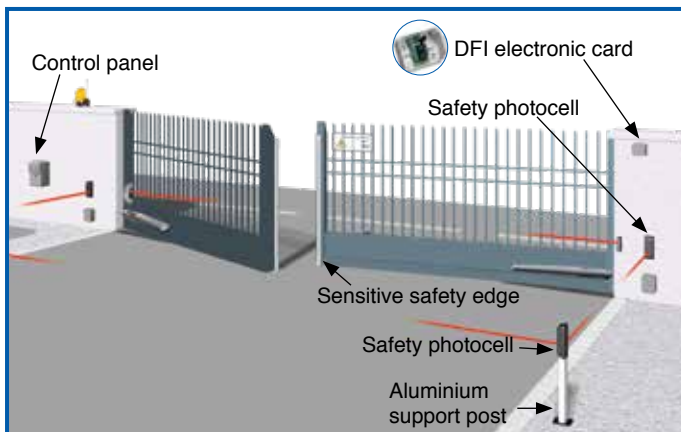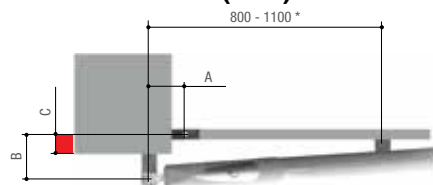For use with double gates

230V

Kit Includes:
- 2 x FROG-PM6 230V motors + encoders
- 2 x steel foundation cases
- 1 x 230V control panel
- 2 x lever key release mechanism
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FROGPLUSP7

AXO
Worm drive swing gate automation

Control panel
DFI electronic card
Safety photocell
Sensitive safety edge
Safety photocell
Aluminium support post

Application Dimensions (mm):

800 - 1100 *
A
C
B

	3 and 4 metre kits		
LEAF OPENING (°)	A	B	C Max.
90	130	130	70
120	140	100	50

	5 and 7 metre kits		
LEAF OPENING (°)	A	B	C Max.
90	200	220	150
120	220	220	100

AXO-3 Kit

Kit includes:
- 1 or 2 x AXO 230V motors
- 1 x 230V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

230V Kit For Swing Gates Up To 3m Per Leaf

To suit gates:
- 2.0m gate leaves weighing up to 800kg
- 2.5m gate leaves weighing up to 600kg
- 3.0m gate leaves weighing up to 500kg

For Use With Gates	Code
Single	21AXOS3
Double	21AXOP3

230V Kit For Swing Gates Up To 4m Per Leaf
To SuitGates:
- 2.0m gate leaves weighing up to 800kg
- 3.0m gate leaves weighing up to 500kg
- 4.0m gate leaves weighing up to 300kg*

AXO-4 Kit

Kit Includes:
- 1 or 2 x AXO 230V motors
- 1 x 230V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Use With Gates	Code
Single	21AXOS4
Double	21AXOP4

230V Kit For Swing Gates Up To 7m Per Leaf
To SuitGates:
- 2.0m gate leaves weighing up to 1000kg
- 4.0m gate leaves weighing up to 500kg*
- 7.0m gate leaves weighing up to 300kg*

AXO-7 Kit

Kit Includes:
- 1 or 2 x AXO 230V motors
- 1 x 230V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Use With Gates	Code
Single	21AXOS7
Double	21AXOP7

24V Kit For Swing Gates Up To 3m Per Leaf
To SuitGates:
- 3.0m gate leaves weighing up to 500kg

AXO-324 Kit

Kit Includes:
- 1 or 2 x AXO 24V motors
- 1 x 24V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Use With Gates	Code
Single	21AXOS324
Double	21AXOP324

24V Kit For Swing Gates Up To 5m Per Leaf
To SuitGates:
- 2.0m gate leaves weighing up to 1000kg
- 3.0m gate leaves weighing up to 700kg
- 5.0m gate leaves weighing up to 400kg*

AXO-524 Kit

Kit Includes:
- 1 or 2 x AXO 24V motors
- 1 x 24V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Use With Gates	Code
Single	21AXOS524
Double	21AXOP524

*We recommend provisions be made for a 21LOCK81 electric latch if the wing is wider than 4m, see page 293. Electric lock is mandatory for AXO-7 kits.

Steel
Wrought Iron Components
Gate Hardware
Sliding Door Gear
Gate Automation
Mesh
Decking & Subframe
Flooring & Stair Treads
Handrailing
Fencing
Fixings

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

ATS
Worm drive swing gate automation

Flashing light

ATS motor

Safety photocell

The most versatile worm drive motor on the market

ATS telescopic swing gate operator with increased C-Max capabilities where mounting posts are problematic.

- **Telescopic swing gate operator offering a C-Max potential of 200mm**
- Robust aluminium cover designed for easy 'installer access' to mechanical components with simple manual release
- Versatile and reliable, with 230V AC and 24V DC version for intensive use
- 24V operators are supplied with a built-in encoder for perfect slowdown management and obstacle detection

- Easy setup and installation. 24V kits are fully compatible with CAME Key, allowing easy setup with any smartphone or tablet - no internet connection required
- Smooth, silent and precise movement thanks to the design of the bevel gear motor
- Ergonomically designed with an axial gearmotor to maintain efficiency in the size and shape to the operator

C-Max Up To 200mm

Allowing for installation in any setting, even on very deep posts.

ATS is the universal solution, ideal for both residential settings and industrial installations.

It is a very versatile operator and thanks to the telescopic extension it is able to adapt perfectly to the different "depths" of the posts utilising the **increased C-Max of 200mm**.

GATE

POST
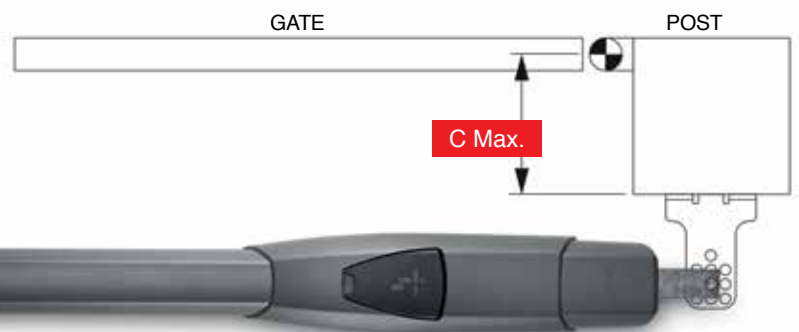
C Max.

Application Dimensions (mm):

Kits		3m Kits			5m Kits	
Gate Leaf Opening (º)	A	B	C Max.	A	B	C Max.
90	130	130	50	200	200	150
90	150	220	150	200	270	200
90	120	270	200	–	–	–
120	180	130	50	200	140	70

ATS
Worm drive swing gate automation

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

Features:
- ATS is perfect for automating lightweight gates in residential settings
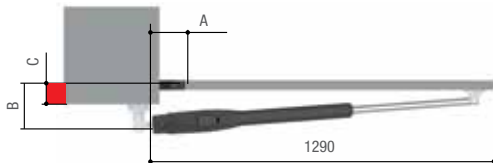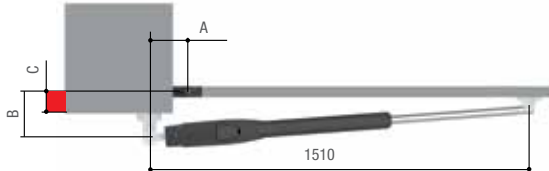- Flexible solution for different types of installations thanks to the **C-Max quote up to 200mm**
- One single motor for left/right installation

Dimensions (mm):

3 metre models

5 metre models

Suitable for the following gates:
- 3m gate leaves weighing up to 400kg
- 5m gate leaves weighing up to 400kg

Technology and Design:
ATS combines advanced performance with a refined design. Thanks to the axial transmission, the motor body does not protrude from the frame, for a slender and elegant shape. Furthermore, the bevel gear system allows smooth and silent movement.
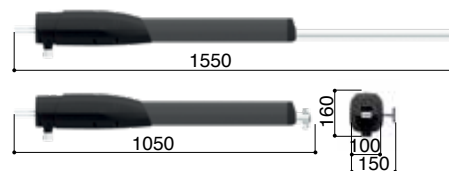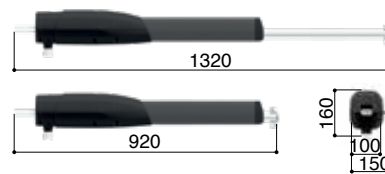
ATS-S3 Kit
For use with gates up to 3m

Kit Includes:
- 1 or 2 x ATS 230V motors
- 1 x 230V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Use With Gates	Code
Single	**21ATSS3**
Double	**21ATSP3**

ATS-S324 Kit
For use with gates up to 3m

Kit Includes:
- 1 or 2 x ATS 24V motors
- 1 x 24V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Use With Gates	Code
Single	**21ATSS324**
Double	**21ATSP324**

ATS-S5 Kit
For use with gates up to 5m

Kit Includes:
- 1 or 2 x ATS 230V motors
- 1 x 230V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Use With Gates	Code
Single	**21ATSS5**
Double	**21ATSP5**

ATS-S524 Kit
For use with gates up to 5m

Kit Includes:
- 1 or 2 x ATS 24V motors
- 1 x 24V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Use With Gates	Code
Single	**21ATSS524**
Double	**21ATSP524**

Stylo

Articulated arm swing gate automation

Suitable For The Following Gates:

- 0.8m gate leaves weighing up to 150kg
- 1.2m gate leaves weighing up to 125kg
- 1.8m gate leaves weighing up to 100kg

Application Dimensions (mm):
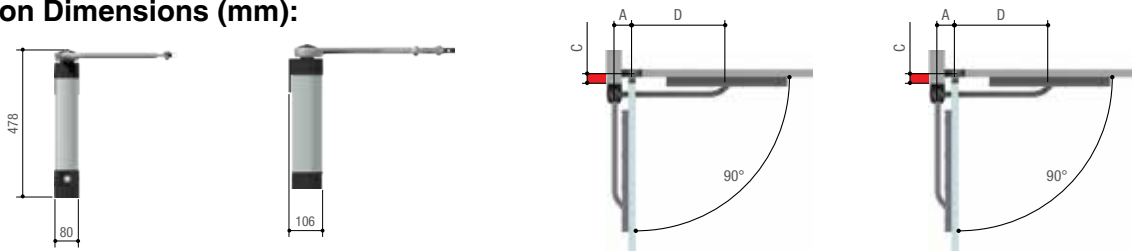
ARTICULATED ARM		STYLO-BS	
LEAF OPENING (°)	A	D	C Max.
90	90	450	0
90	90	450	180
90	130	450	180
120	170	450	0

STRAIGHT ARM		STYLO-BD	
LEAF OPENING (°)	A	D	C Max.
90	90	400	200
90	230	300	180
135	230	300	0

Articulated Arm Kits For Use With A Wall, Fence Or Lightweight Post

Stylo Single Kits

Kit Includes:
- 1 x STYLO 24V motor + encoder
- 1 x STYLO articulated or sliding arm
- 1 x 24V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Description	Code
Articulated Arm	**21STYLOAS24**
Sliding Arm	**21STYLOSS24**

Stylo Double Kits

Kit Includes:
- 2 x STYLO 24V motors + encoders
- 2 x STYLO articulated or sliding arms
- 1 x 24V control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Description	Code
Articulated Arm	**21STYLOAP24**
Sliding Arm	**21STYLOSP24**

Accessories

Lock81 Electric Latch
Recommended for gates larger than 2.5m or situated in exposed, windy locations

Cylinders	Code
1	**21LOCK81**

LB90 Emergency Back Up Card
For connecting 2 x 12V batteries

Code
21LB90

Stylo-BD
Straight drive arm and track with mechanical opening limit switch

| Code |
|---|
| **21STYLOBD** |

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

Ferni

Articulated arm swing gate automation

Flashing light
Ferni motor
Safety photocell

EN TESTED

3 YEAR WARRANTY
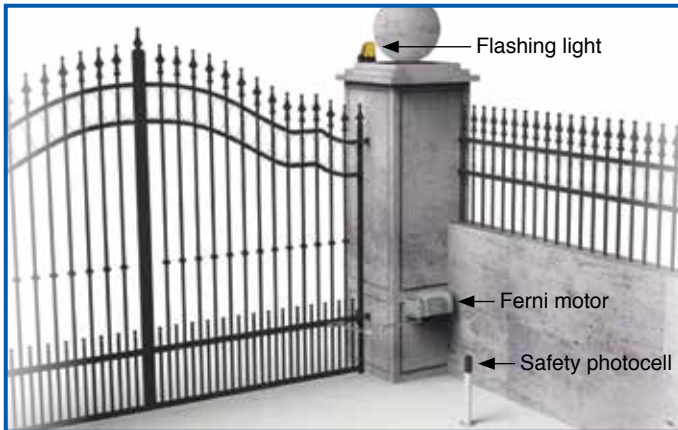
Features:
- Automate gates hung from large brick or stone pillars
- Winding arm mechanism ensures fastest possible opening time
- Suitable for left or right mounting
- Encoder based electronics for easier EN compliance
- Manual release mechanism in the event of a power cut

Suitable for the following gates:
- 2.0m gate leaves weighing up to 800kg
- 2.5m gate leaves weighing up to 600kg
- 4.0m gate leaves weighing up to 400kg*

*We recommend provision be made for a 21LOCK81 electric latch, see page 293.

Simplified Installation

The utter versatility and special characteristics of this operator make each phase of professional installation much easier, user-friendly and accurate, especially when retrofitting.

- One single four-conductor cable to manage the power supply and slow-downs
- Memorises transmitters with different codes (up to 250 users)
- The control panel features a feature programming display

Dimensions (mm):

Min. 400mm
450mm
C-Max
A
400mm
350mm

Application Dimensions (mm):

Models   FE40230, FE40230V, FE4024, FE4024V

Gate Leaf Opening (°)	A	C Max.
90	110	300
90	150	380

Fernie Kit

For use with gates up to 4m

230V · EN TESTED · KEY

Kit Includes:
- 1 or 2 x FERNI 230V motors + encoders
- 1 x 230v control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

To Suit Gate Leaf	Code
Single	21FERNiES
Double	21FERNiEP

Fernie-24 Kit

For use with gates up to 4m

24 · EN TESTED · KEY

Kit Includes:
- 1 or 2 x FERNI 24V motors + encoders
- 1 x 24v control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

To Suit Gate Leaf	Code
Single	21FERNiES24
Double	21FERNiEP24

Accessories

F1001 Straight Telescopic Arm
When motor is mounted above the application. Max 2m each wing

Code
21F1001

H3000 Cord Operated Release Mechanism With Protective Casing

Code
21H3000

Steel
Wrought Iron Components
Gate Hardware
Sliding Door Gear
Gate Automation
Mesh
Decking & Subframe
Flooring & Stair Treads
Handrailing
Fencing
Fixings

FTX

Articulated arm swing gate automation

Steel
Wrought Iron Components
Gate Hardware
Sliding Door Gear
Gate Automation
Mesh
Decking & Subframe
Flooring & Stair Treads
Handrailing
Fencing
Fixings

BRUNDLE

Features:

- Automate gates hung from small or medium size brick or stone pillars
- Self diagnosing of safety devices - whether wireless or not
- Dedicated plug-in for managing the RIO wireless security accessories
- Encoder based electronics for easier EN compliance
- User friendly manual release mechanism in the event of a power cut

Suitable For The Following Gates:

- 2.0m gate leaves weighing up to 200kg

Dimensions (mm):

Application Dimensions (mm):

MODELS   801MB-0110,   801MB-0120

Gate Leaf Opening (°)	A	B	D	E	C Max.
90	140 ~ 210	540	Min. 150	Max. 410	0 ~ 50
90	140 ~ 200	510	Min. 150	Max. 410	75 ~ 200
90	150 ~ 180	510	Min. 150	Max. 410	225 ~ 250
120	200 ~ 220	480	Min. 150	Max. 410	0 ~ 50
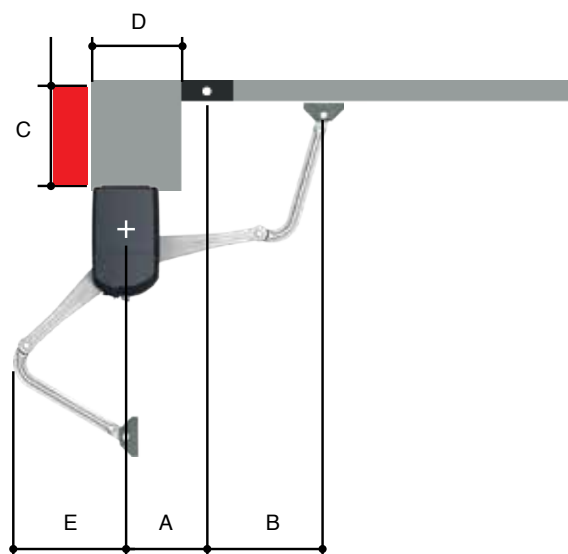
FTX-S Kit

For use with single gates

Kit Includes:
- 1 x FTX 24V motor
- 1 x 24V built-in control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FTXS

FTX-P Kit

For use with double gates

Kit Includes:
- 2 x FTX 24V motors
- 1 x 24V built-in control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21FTXP

Accessories

Stylo-BD

Straight drive arm and track with mechanical opening limit switch

Code
21STYLOBD

RLB Emergency Backup Card

For emergency operation and battery charging

Code
21RLB

Features:

- 4 motors, all with encoder control
- Control board mounted at the top of the motor for ease of access following installation
- Possibility to install magnetic switches and heaters for the most critical climatic conditions
- Self-diagnosis of safety devices both wired and wireless
- Electronic circuit board, with separate terminal blocks and display, in order to facilitate easy installation
- Developed to connect with CAME Connect modules

CAME Connect allows you to remotely control all of the operators fitted to your system. Thanks to the internet, users and installers can now efficiently manage, 24/7, all of their automation and safety systems from any mobile device including smartphone, tablet or PC.

BXV Kit
Standard case

Kit Includes:
- 1 x 24V motor with built-in control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Max. Use With Gates	Code
14m and up to 400kg	**21BXV400GSKIT**
18m and up to 600kg	**21BXV600GSKIT**
20m and up to 800kg	**21BXV800GSKIT**
14m and up to 1000kg	**21BXV1000GSKIT**

BXV Kit
Large case

Kit Includes:
- 1 x 24V motor with built-in control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

For Max. Use With Gates	Code
14m and up to 400kg	**21BXV400GFKIT**
18m and up to 600kg	**21BXV600GFKIT**
14m and up to 1000kg	**21BXV1000GFKIT**

For extra safety protection where required, why not consider the RIO wireless safety system, see page 308.
We would always advise you spec your jobs with safety edges.
When you see this symbol it is imperative that at least one is used. See page 310.

EN TESTED

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

BKV

Industrial sliding gate automation

KEY · 3 YEAR WARRANTY
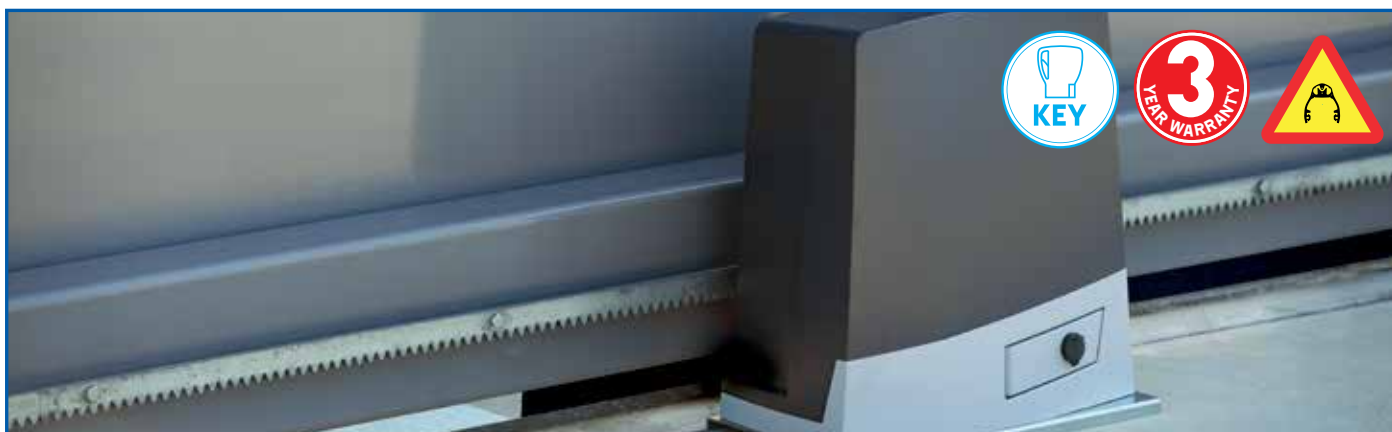
Features:

- 36V DC power for sliding gates up to 20m from 800kg up to 2500kg
- New adaptive torque – constant speed control and adaptive power to meet changing conditions
- Suitable for intensive use industrial applications
- Supersized cable entry points and multiple DIN rail mountings for ease of install
- New manual release mechanism
- CAME Connect ready straight out of the box
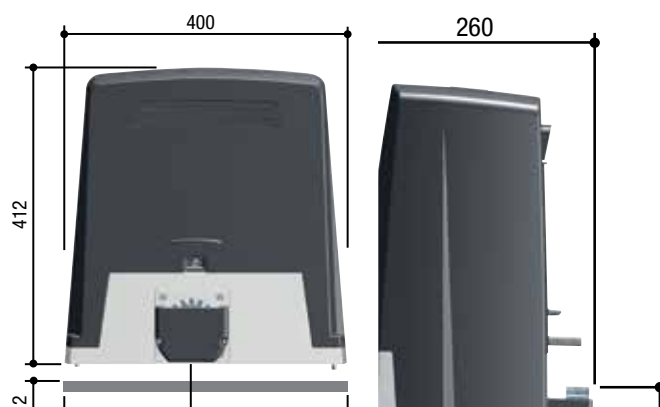
For extra safety protection also consider the RIO wireless safety system, see page 308.

RIO

Dimensions (mm):

400 · 260 · 412 · 2

New BKV Adaptive Torque

- BKV guarantees efficiency and low maintenance costs, thanks to the continuous torque adaptation.
- The ZN8 control panel manages, instant by instant, the motor speed, acceleration and deceleration phases, alongside the absorbed current.
- The adaptive torque system constantly evaluates gate weight and friction to detect obstacles and to keep the speed at the pre-set level.

Self-Calibration

All BKV motors have a self-calibration function built into the control board, which can be set up using the new full graphical display.

Sensitivity

Once the system is calibrated, the installer sets the sensitivity by measuring the thrust of each manoeuvre during operation.

Perfect operation throughout the full year

The continuous torque adaptation allows the motor to always be updated to possible friction variations and to perform consistently in every application, during any weather conditions.

Obstacle Differentiations

The Adaptive Torque Technology guarantees higher safety in the event of genuine obstacles. The motor can automatically differentiate between genuine obstacles and nuisance minor issues (dirt or small stones on the rail).
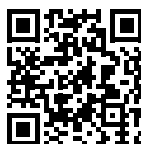
Scan to watch the BKV video

CAME CONNECT
CLOUD CONNECTED TECHNOLOGY

CAME Connect allows you to remotely control all of the operators fitted to your system. Thanks to the internet, users and installers can now efficiently manage, 24/7, all of their automation and safety systems from any mobile device including smartphone, tablet or PC.

BRUNDLE

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

New Manual Release System

Safety is our number one priority, which is why BKV has been designed and developed to eliminate accidents with a NEW direct drive robust manual release system.

The key protected system allows you to isolate the power via a quick release lever which will instantly disengage the motor in the case of an emergency.

Key protected manual release system
To disengage the motor, insert the key into the lock.

The power is automatically isolated
Unlocking the release door will automatically isolate the power.

Ready for releasing
With the power safely isolated the manual release is safe to proceed.

Directly disengage the motor
Opening the door will directly disengage the motor, allowing the gate to be manually operated.

CAME KEY

BKV has been designed with a dedicated slot for the new CAME KEY making installation and configuration easier and faster than ever before.

CAME KEY is a local WiFi interface that can communicate directly with your smartphone or tablet, allowing you to manage the configuration of your BKV with no need for an internet connection.

Complete Kits

BKV Kit

36V kit for sliding gates up to 20m

1500kg 2000kg   2500kg

Kit Includes:
- 1 x BKV 36V DC motor
- 1 x plug-in radio-frequency control card
- 2 x remote controls
- 1 x tuned antenna
- 1 x pair safety photocells
- Full installation guide

Maximum gate weight kg	Code
1500	**21BKV1500PKIT**
2000	**21BKV2000PKIT**
2500	**21BKV2500PKIT**

Accessories

Mod.4 Toothed Gate Rack
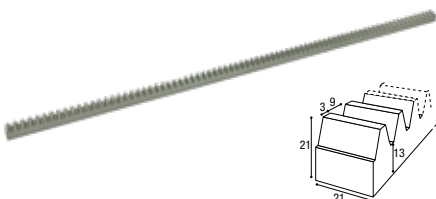
Length m	Code
1	**21CGZ**

Mod.6 Toothed Gate Rack
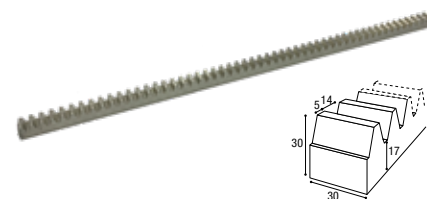
Length m	Code
1	**21CGZ6**

CAME Key
Point to point local WiFi gateway

Code
21806SA0110

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

BY3500T

Sliding gate automation

3 year warranty.

Features:

- 230 - 400V AC 3-phase motor for powerful surge rates required to get heavy gates moving
- Suitable for intensive use industrial applications
- Sturdy mechanics & exceptional reliability
- Features self-diagnosing safety devices & adjustable mechanical end-stops
- Can also control auxiliary entrance lighting

We would always advise you spec your jobs with safety edges. When you see this symbol it is imperative that at least one is used. Exact requirement will be determined by your risk assessment. See page 310.

Dimensions (mm):
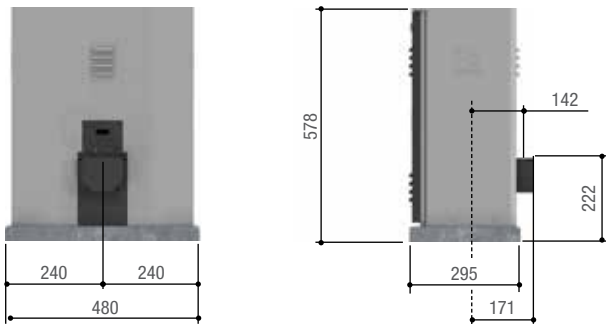
For extra safety protection also consider the DXR safety system, see page 307.

To Suit Gates:

- 23m sliding gates weighing up to 3500kg

BY3500T Kit

Kit includes:
- 1 x BY-3500T 3-phase motor with built-in control panel
- 1 x radio receiver
- 1 x tuned antenna
- 2 x remote controls
- 1 x pair safety photocells
- Full installation guide

Code
21BY3500TKIT

Accessories

Mod.6 Toothed Gate Rack

Length m	Code
1	21CGZ6

Top
Rolling code transmitter, over 4 million combinations

Channels	Code
2	21806TS0112
4	21806TS0122
4	218K06TS001*

*Supplied as a pack of 6.

Top
Fixed code, multi-user transmitter

Channels	Code
2	21806TS0092
4	21806TS0102
4	218K06TS002*

*Supplied as a pack of 6.

Top
Fixed code transmitter

Channels	Code
2	21TOP432EE
4	21TOP434EE

TWIN-2/4
Transmitter with key code function

Channels	Code
2	21TWiN2
4	21TWiN4

TTS
Premium rolling & fixed code transmitter

Description	Code
Rolling Code - 2 Channel	21806TS0230
Fixed Code - 4 Channel	21806TS0240
Rolling Code - 4 Channel	21806TS0250

Plug-In Radio Card
433.92 Mhz

Code
21AF43S

3V DC batteries
Pack of 2

Code
21P3V

Top-A433N Antenna

Code
21TA433N

DVK
Cable protection sleeve

Code
05DVK

SMA
Induction loop control board

Channels	Code
1	21SMA
2	21SMA2

Indcable
Induction loop cable

Length m	Code
50	21iNDCABLE

BRUNDLE

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

Activation Accessories

Keypads and accessories

Vertical side tabs
Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

DOCP-VRF
Flush mounted vandal resistant push button

Code
21DOCPVRF

DOCP-VRS
Surface mounted vandal resistant push button

Code
21DOCPVRS

DOCP-VRFi
Illuminated flush mounted vandal resistant push button

Code
21DOCPVRFi

DOCP-VRSi
Illuminated surface mounted vandal resistant push button

Code
21DOCPVRSi

SELT
Surface mounted digital keypad including control card

Code
21SELTS

SELT
Flush mounted digital keypad including control card

Code
21SELTF

SELR1
Surface mounted bluetooth digital switch*

Users	Code
15	**21806SL0210**
50	**21806SL0240**
250	**21806SL0250**

*Smartphone not included - shown for illustrative purposes only.

SEL Key
Keyswitch

Description	Code
Surface Mounted	**21806SL0050**
Flush Mounted	**21806SL0060**

Lock 81/82
Electric latch with cylinders

Cylinders	Code
1	**21LOCK81**
2	**21LOCK82**

Control Card
For use with all keypads

Code
21806SL0230

EM10010EM
Surface mounted magnetic lock

Code
21EM10010EM

EM500ZLW & EM100SEM
Brackets for magnetic lock

Bracket	Code
L & Z	**21EM500ZLW**
L	**21EM100SEM**

DLX Safety Photocells

DXL Synchronised Infrared Photocells
12 - 24 VAC/DC

Mounted	Range m	Code
Flush	30	21806TF0070
Surface	30	21806TF0080

Steel Support Bracket
For DLX photocells & SET E control panels

Code
21DOCR

DLX Synchronised Infrared BUS Photocells

Mounted	Range m	Code
Flush	30	21806TF0090
Surface	30	21806TF0100

DIR Safety Photocells
Surface Mounting Module
Synchronised infrared beam

Range m	Code
10	21DiR10
20	21DiR20
30	21DiR30

DXR Safety Photocells

Synchronised Rotating Photocells
12-24V AC, DC

Code
21806TF0030

Synchronised Rotating Photocells
Aluminium anti-vandal alloy covers

Code
21806TF0040

Synchronised Rotating Photocells
12-24V AC, DC with 3V battery

Code
21806TF0060

Master DXR is wired. Slave DXR is battery operated.

Kairo-N
LED flashing light

Voltage	Code
230	21KLED
24	21KLED24

Plastic Manual Relase Key

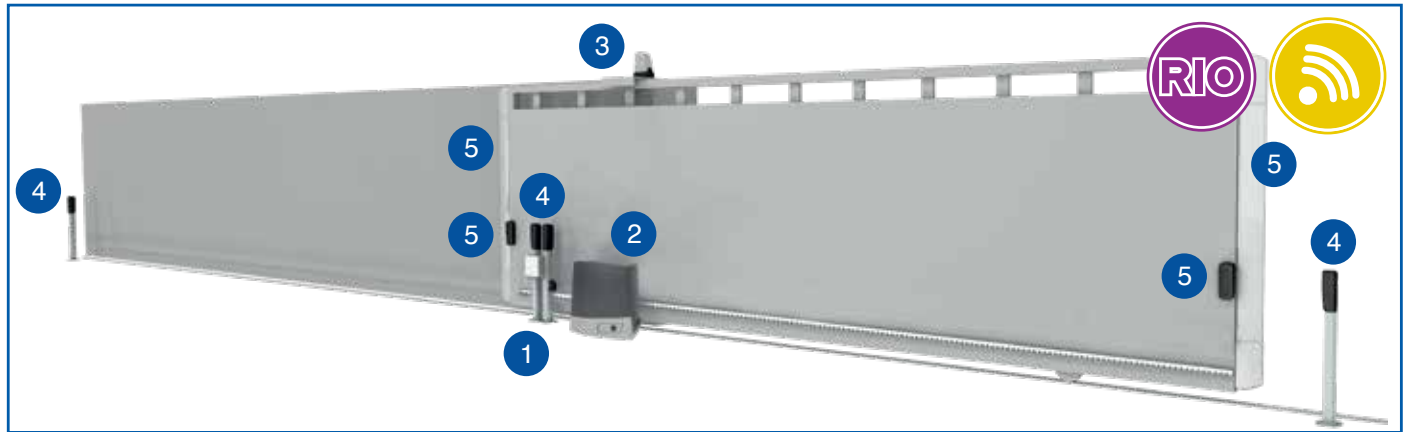| Code |
|---|
| 21119RiY077S |

For our range of support columns see page 309.

Wireless Safety Accessories

RIO wireless accessories

Features:

- Quicker fitting times compared to traditional installations
- No digging or masonry work required
- No cables to lay
- Elegant, low-key design
- Compatible with any control panel
- Total safety in compliance with European standards
- Immediately brings your systems up to code, even if they are non compliant
- Reduced consumption
- Malfunction and low-battery alerts

RIO Control
Radio control device, with a 30m range, to manage up to 3 RIO series accessories

1

Code
21806SS0050

Radio Control Plug-In Module
For managing wireless accessories. Plugs directly into the motor

2

Code
21806SS0040

RIO Lux
Wireless battery powered flashing light

3

Code
21806SS0030

RIO Photocell
Pair of wireless battery powered photocells. They can transmit & receive to and from RIO control

4

Code
21806SS0010

RIO Edge
Wireless module for controlling a resistive safety edge

5

Code
21806SS0020

Complete Kits

RIO Edge CTL1 Kit
External control system

Kit includes:
- 1 x external radio-control module for managing wireless accessories
- 1 x wireless module for controlling resistive sensitive safety-edges

Code
21RiOEDGECTL1

RIO Edge CTL2 Kit
External control system

Kit includes:
- 1 x external radio-control module for managing wireless accessories
- 2 x wireless modules for controlling resistive sensitive safety-edges

Code
21RiOEDGECTL2

Column
For DIR photocells

Finish	Height m	Code
Black Enamel	0.5	**21DiRLN**
Silver PVC RAL 9006	0.5	**21DiRCG**

Extension
For adding extra DIR photocells

Finish	Height m	Code
Silver PVC RAL 9006	0.5	**21DiRCGP**

Column
For DLX & SI photocells

Finish	Height m	Code
Black Enamel	0.5	**21DOCLN**
Aluminium	0.5	**21DOCL**

Column
For RIO photocells

RIO

Finish	Height m	Code
Black Enamel	0.5	**21DBLN**
Silver PVC RAL 9006	0.5	**21DBCG**

Column
For mounting keyswitch series, SEL digital keypads & DLX photocells

Finish	Height m	Code
Aluminium	1.0	**21CSS**
Black Enamel	1.0	**21CSSN**

Entry Level Basic
Basic safety edge monitoring relay

Code
21ELBA

Esgate 2
Premium Cat 2 controller

Code
21ESG224

Esgate 3
Premium Cat 3 controller

Code
21ESG324

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads
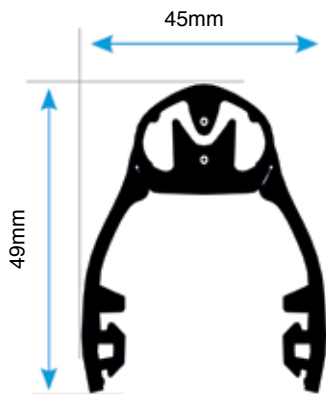
Handrailing

Fencing

Fixings

Resistive Safety Edges

Self-assembly resistive safety edge kits

EXP-49
49mm profile safety edge kits

Kit includes:
- Contact profile
- Aluminium mounting rail
- End caps
- Connection cables
- 1 x 8K2 Ohm resistor
- 2 x 5m cables

Cut down on-site to the exact size you need.

Maximum Length m	Code
1.5	**21EXP4915**
2.0	**21EXP4920**
2.5	**21EXP4925**

EXP-74
74mm profile safety edge kits

Kit includes:
- Contact profile
- Aluminium mounting rail
- End caps
- Connection cables
- 1 x 8K2 Ohm resistor
- 2 x 5m cables

Cut down on-site to the exact size you need.

Maximum Length m	Code
1.5	**21EXP7415**
2.0	**21EXP7420**
2.5	**21EXP7425**

EXP-99
99mm profile safety edge kits

Kit includes:
- Contact profile
- Aluminium mounting rail
- End caps
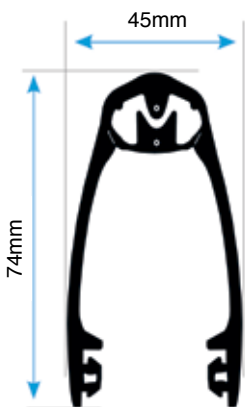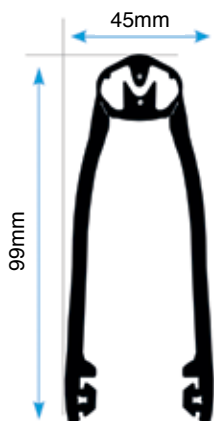- Connection cables
- 1 x 8K2 Ohm resistor
- 2 x 5m cables

Cut down on-site to the exact size you need.

Maximum Length m	Code
1.5	**21EXP9915**
2.0	**21EXP9920**
2.5	**21EXP9925**

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

Brundle Drive

Worm drive swing gate automation

Non-reversing gear motor with decoder for swing gates with leaves up to 2.2m long. Aluminium and ABS cover, worm screw based reduction system, crown and conical torque. This gear motor is designed to power swing gates in apartment blocks and homes.

Kit Includes:
- 2 x worm drive motors
- 1 x flashing light
- 1 x pair safety beams
- 2 x remote controls
- 1 x control panel
- Full installation guide

Features:
- Protection rating (IP): 44
- Control panel power supply (V - 50/60 Hz): 230 AC
- Power supply motor (V): 24 DC
- Max. draw (A): 5
- Max. power (W): 120
- Duty cycle (%): 50

- Opening time at 90° (s): 19
- Operating temperature: - 20 to + 55°C
- Insulation class: 3
- Reduction ratio (i): 1/36
- Thrust (N): 400 - 2000
- Weight (kg): 6.1*

*The weight of the motor includes the brackets. The motor alone weighs 4.6kg.
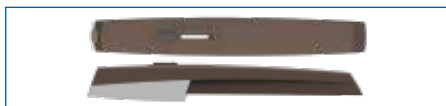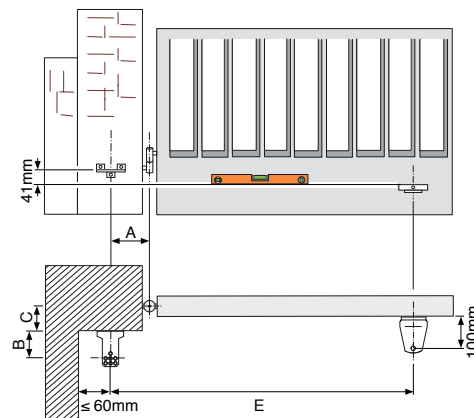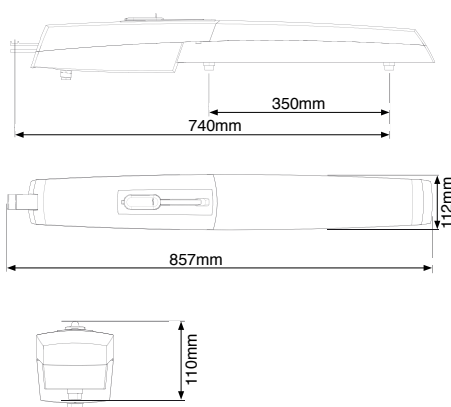
Code
21UOPP6000

Application Size

Opening °	(A) mm	(B) mm	(C) mm	(E) mm
90	130	110 - 170	0 - 60	740
115	150	110 - 160	0 - 50	740

Limits To Use

Max. Gate Leaf Length m	Max. Gate Leaf Weight kg
1.0	250
1.7	225
2.2	200

Accessories

Safety Beams
Sold in pairs

Code
21DNF10

Flashing Light

Code
21LP24

Remote Control

Code
21ATPD4

This equipment needs to be installed in accordance with EN12453, & in compliance with Machinery Directive 2006/42/EC.

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

# Brundle Reach

Articulated arm swing gate automation

Operator complete with control board, movement control and obstruction detecting device plus mechanical end stops for swing gates with leaves up to 2m. This operator is designed to power swing gates for residential and apartment block use.

Kit Includes:
- 2 x articulated arm motors
- 1 x flashing light
- 1 x pair safety beams
- 2 x remote controls
- 1 x frequency card
- Full installation guide

Features:
- Protection rating (IP): 44
- Power supply (V - 50/60 Hz): 230 AC
- Power supply motor (V): 24 DC
- Max. draw (A): 4
- Max. power (W): 140
- Stand-by consumption (W): 7
- Consumption with GP1 (W): 1.15

- Duty cycle (%): 50
- Operating temperature: - 20 to + 55°C
- Insulation class: i
- Opening time at 90° (s): 19 - 25
- Reduction ratio (i): 1/1680
- Thrust (N): 150
- Weight (kg): 10.5
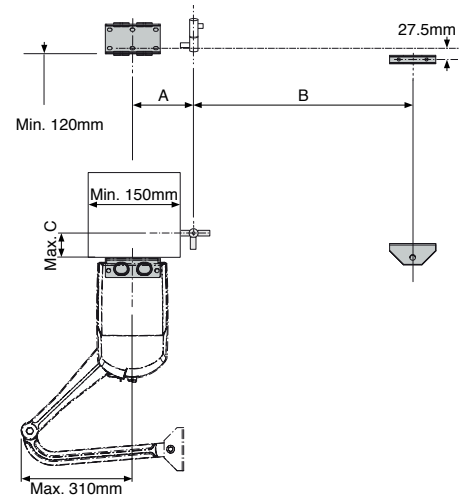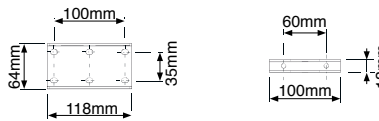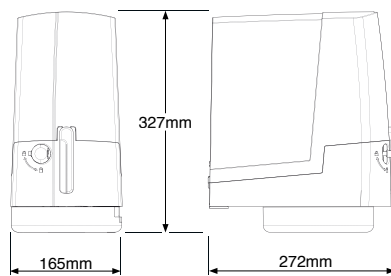
Code
21UOPB1000

Application Size

Opening °	(A) mm	(B) mm	(C) - Max mm
90	140	420	150
90	160 : 180	380	150
110	200 : 220	400	50

Limits To Use

Max. Gate Leaf Length m	Max. Gate Leaf Weight kg
1.0	250
1.7	225
2.2	200

Accessories

Safety Beams
Sold in pairs

Code
21DNF10

Flashing Light

Code
21LP24

Remote Control

Code
21ATPD4

This equipment needs to be installed in accordance with EN12453, & in compliance with Machinery Directive 2006/42/EC.

Brundle Slide

Sliding gate automation

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

Operator complete with electronic movement control and obstruction detecting device, plus mechanical end stops for sliding gates of up to 400kg and 10m in length. This operator is designed to power sliding gates in residential and apartment block settings.

Kit Includes:
- 1 x sliding motor
- 1 x flashing light
- 1 x pair safety beams
- 2 x remote controls
- 1 x frequency card
- Full installation guide

Features:
- Protection rating (IP): 44
- Power supply (V - 50/60 Hz): 230 AC
- Power supply motor (V): 24 DC
- Max. draw (A): 7
- Max. power (W): 150
- Standby consumption (W): 7.4
- Consumption with green power (W): 1.2
- Duty cycle (%): 50
- Operating temperature: - 20 to + 55°C
- Insulation class: i
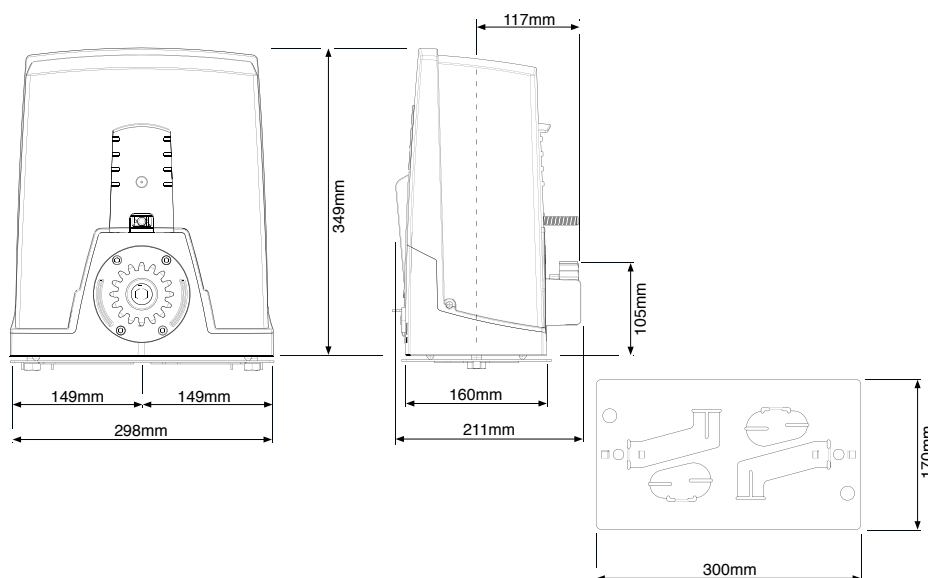
Code
21UOPS2000

Limits To Use

Max. Gate Leaf Length m	Max. Gate Leaf Weight kg
10	400

Accessories

Safety Beams
Sold in pairs

Code
21DNF10

Flashing Light

Code
21LP24

Remote Control

Code
21ATPD4

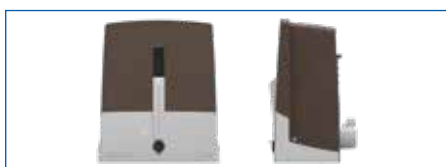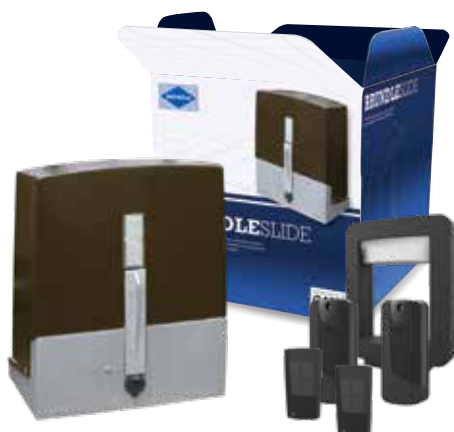**This equipment needs to be installed in accordance with EN12453, & in compliance with Machinery Directive 2006/42/EC.**

GSM Intercom Systems

MTM GSM audio intercoms

The new MTM GSM range from CAME is a telephone based door entry solution. Using GSM mobile or landline technology, this system is designed for applications where a hard wired door entry system cannot be installed. The MTM GSM entry panel range is simple, yet versatile and suitable for all, from small residential systems to large developments. Bespoke units with endless combinations can also be produced to suit every requirement.

MTM GSM Kits Include:
- 1 x modular entry panel
- 1 x PSU
- 1 x control unit
- 1 x antenna

1 Gateway To 1 House Surface Mounted Intercom Kit

Code
21MTMSGSM1

1 Gateway To 2 Houses Surface Mounted Intercom Kit

Code
21MTMSGSM2D

1 Gateway To 1 House Surface Mounted Intercom Kit
With combined keypad

Code
21MTMSKGSM1

1 Gateway To 2 Houses Surface Mounted Intercom Kit
With combined keypad

Code
21MTMSKGSM2D

1 Gateway To 1 House Flush Mounted Intercom Kit

Code
21MTMFGSM1

1 Gateway To 2 Houses Flush Mounted Intercom Kit

Code
21MTMFGSM2D

1 Gateway To 1 House Flush Mounted Intercom Kit
With combined keypad

Code
21MTMFKGSM1

1 Gateway To 2 Houses Flush Mounted Intercom Kit
With combined keypad

Code
21MTMFKGSM2D

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

VR GSM Intercom Systems

Vandal resistant MTM GSM audio intercoms

The new MTM GSM vandal resistant range from CAME has all the functions of the standard version. The profile and front facias are made entirely of Zamac composite and include crush resistant buttons and security screws. Offering the best in durability the MTM GSM VR range can resist up to IK09 level shocks and has an IP54 protection rating.

MTM GSM Kits Include:
- 1 x modular entry panel
- 1 x PSU
- 1 x control unit
- 1 x antenna

1 Gateway To 1 House Surface Mounted Intercom Kit

Code
21MTMSVRGSM1

1 Gateway To 2 Houses Surface Mounted Intercom Kit

Code
21MTMSVRGSM2D

1 Gateway To 1 House Surface Mounted Intercom Kit
With combined keypad

Code
21MTMSVRKGSM1

1 Gateway To 2 Houses Surface Mounted Intercom Kit
With combined keypad

Code
21MTMSVRKGSM2D

1 Gateway To 1 House Flush Mounted Intercom Kit

Code
21MTMFVRGSM1

1 Gateway To 2 Houses Flush Mounted Intercom Kit

Code
21MTMFVRGSM2D

1 Gateway To 1 House Flush Mounted Intercom Kit
With combined keypad

Code
21MTMFVRKGSM1

1 Gateway To 2 Houses Flush Mounted Intercom Kit
With combined keypad

Code
21MTMFVRKGSM2D

315

Audio Hard-Wired Intercoms

Audio intercoms

MTM To AGT Standard
Audio entry panel to AGT audio handset

IK07

Kit includes:
• Audio lite module for X1 System
• Front piece for audio lite module with one button
• Frame with one-module profile
• Surface frame with rain shield (surface mount kit only)
• Flush mount box (flush mount kit only)
• Audio entry power supply and control module
• AGT standard handset receiver

Description	Code
Surface Mounted	21MTMSAG1
Flush Mounted	21MTMFAG1

MTM To AGT Standard
Audio entry panel with keypad to AGT audio handset

IK07

Kit includes:
• Audio lite module for X1 System
• Front piece for audio lite module with one button
• Keypad module for access control
• Front piece for access control keypad module
• Frame with two-module profiles
• Surface frame with rain shield (surface mount kit only)
• Flush mount box (flush mount kit only)
• Audio entry power supply and control module
• AGT standard handset receiver

Description	Code
Surface Mounted	21MTMSKAG1
Flush Mounted	21MTMFKAG1

MTM To AGT Standard
Audio entry panel to AGT audio handset

IK09

VANDAL RESISTANT

Kit includes:
• Audio lite module for X1 System
• Front piece for audio lite module with one VR button
• Frame with one-module profile
• Surface frame with rain shield (surface mount kit only)
• Flush mount box (flush mount kit only)
• Audio entry power supply and control module
• AGT standard handset receiver

Description	Code
Surface Mounted	21MTMSVRAG1
Flush Mounted	21MTMFVRAG1

MTM To AGT Standard
Audio entry panel with keypad to AGT audio handset

IK09

VANDAL RESISTANT

Kit includes:
• Audio lite module for X1 System
• Front piece for audio lite module with one VR button
• Keypad module for access control
• Front piece for access control keypad module
• Frame with two-module profiles
• Surface frame with rain shield (surface mount kit only)
• Flush mount box (flush mount kit only)
• Audio entry power supply and control module
• AGT standard handset receiver

Description	Code
Surface Mounted	21MTMSVRKAG1
Flush Mounted	21MTMFVRKAG1

Accessories
AGT A200K
Additional audio intercom handset

Handset intercom, 1 programmable AUX key - white. Surface mounted entry phone featuring 2 main keys that enable door opening and 1 programmable auxiliary command.

Code
21AGATAC200UK

AGT VC
Additional video intercom handset

Handset video intercom, 5" LCD display, 2 programmable AUX keys - white. Surface mounted monitor with 5" colour LCD display. The camera monitoring, rington/mute, auxiliary and door release buttons are on the left along with the menu navigation.

Code
21AGATAVC

Video Hard-Wired Intercoms

Audio and video intercoms

Dimensions (mm):

130

136

130

226

190

190

116

205
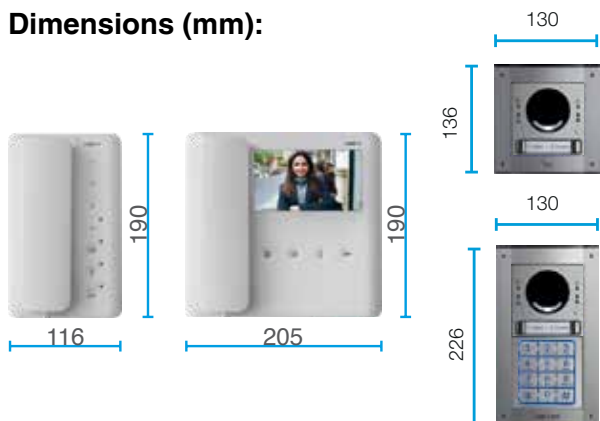
MTM has an extremely wide range of modular configurations in its range. It is equipped with modules that work on 5 different systems that allow many functions to be performed. The simplicity of the design makes the outdoor unit attractive on all surfaces and functional at the same time in everyday use. The satin aluminium finish guarantees brightness and durability.

The strong points of the MTM VR range is the durability and strength of the materials. It uses the same electronic modules and easy to fit functionality as the standard MTM, however, it uses an IK09 rated vandal resistant Zamak composite with crush proof buttons and anti-tamper screws.

The MTM kits shown here are configured for 1 or 2 modules. Please contact us for bespoke configurations of up to 4 modules.

MTM To AGT Standard
Video entry panel to AGT video handset

IK07

Kit includes:
- Audio-video module for X1 System
- Front piece for audio-video module with one button
- Frame with one-module profile
- Surface frame with rain shield (surface mount kit only)
- Flush mount box (flush mount kit only)
- X1 control module and power supply
- Video receiver with handset 5" colour LCD display
- Door relay 8 to 24V AC or DC

Description	Code
Surface Mounted	**21MTMSAGV1**
Flush Mounted	**21MTMFAGV1**

MTM To AGT Standard
Video entry panel with keypad to AGT video handset

IK07

Kit includes:
- Audio-video module for X1 System
- Front piece for audio-video module with one button
- Keypad module for access control
- Front piece for access control keypad module
- Frame with two-module profiles
- Surface frame with rain shield (surface mount kit only)
- Flush mount box (flush mount kit only)
- X1 control module and power supply
- Video receiver with handset 5" colour LCD display
- Door relay 8 to 24V AC or DC

Description	Code
Surface Mounted	**21MTMSKAGV1**
Flush Mounted	**21MTMFKAGV1**

MTM To AGT Vandal Resistant
Video entry panel to AGT video handset

IK09

VANDAL RESISTANT

Kit includes:
- Audio-video module for X1 System
- Front piece for audio-video module with one VR button
- Frame with one-module profile
- Surface frame with rain shield (surface mount kit only)
- Flush mount box (flush mount kit only)
- X1 control module and power supply
- Video receiver with handset 5" colour LCD display
- Door relay 8 to 24V AC or DC

Description	Code
Surface Mounted	**21MTMSVRAGV1**
Flush Mounted	**21MTMFVRAGV1**

MTM To AGT Vandal Resistant
Video entry panel with keypad to AGT video handset

IK09

VANDAL RESISTANT

Kit includes:
- Audio-video module for X1 System
- Front piece for audio-video module with one VR button
- Keypad module for access control
- Front piece for access control keypad module
- Frame with two-module profiles
- Surface frame with rain shield (surface mount kit only)
- Flush mount box (flush mount kit only)
- X1 control module and power supply
- Video receiver with handset 5" colour LCD display
- Door relay 8 to 24V AC or DC

Description	Code
Surface Mounted	**21MTMSVRKAGV1**
Flush Mounted	**21MTMFVRKAGV1**

Kits are available in 2 button / 2 screen versions on request.

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings

Premium Video Intercoms

1 button video kits with wifi video calling

3 YEAR WARRANTY

X1

Wi Fi

MTM To XTS Standard
Video entry panel to XTS monitor

IK07

	Hard wired connection	

Kit Includes:

- 1 x audio-video module for X1 System
- 1 x front piece for video module with one button
- 1 x frame with one-module profile
- 2 x power supplies
- 1 x black or white hands-free video monitor 7" touch screen display
- Surface frame with rain shield (surface mount kit only)
- Flush mount box (flush mount kit only)
- Full installation guide

Description	Monitor Colour	Code
Surface Mounted	Black	**21MTMS7XB1**
Flush Mounted	Black	**21MTMF7XB1**
Surface Mounted	White	**21MTMS7XW1**
Flush Mounted	White	**21MTMF7XW1**

Smartphone not included.

MTM To XTS Standard
Video entry panel with keypad to XTS monitor

IK07

	Hard wired connection	

Kit Includes:

- 1 x audio-video module for X1 System
- 1 x front piece for video module with one button
- Keypad module for access control
- Front piece for access-control keypad module
- 1 x frame with one-module profile
- 2 x power supplies
- Surface frame with rain shield (surface mount kit only)
- Flush mount box (flush mount kit only)
- 1 x black or white hands-free video monitor 7" touch screen display
- Full installation guide

| Description	Monitor Colour	Code
Surface Mounted	Black	**21MTMSK7XB1**
Flush Mounted	Black	**21MTMFK7XB1**
Surface Mounted	White	**21MTMSK7XW1**
Flush Mounted	White	**21MTMFK7XW1**

Smartphone not included.

Kits are available in 2 button / 2 screen versions on request.

Premium Video Intercom Systems

1 button video kits with wifi video calling

Dimensions (mm):

130
136
185
129
130
226
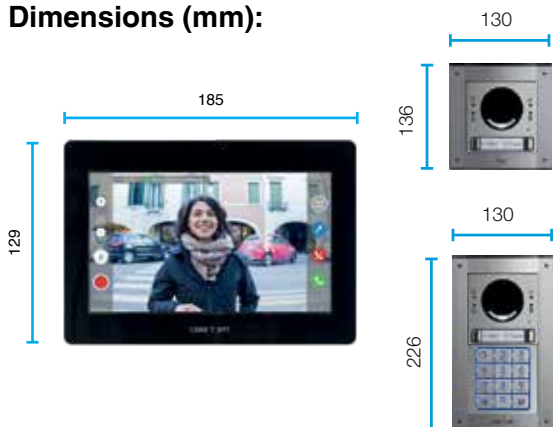
- Half-duplex audio speakerphone
- 7" TFT full touch screen with optical bonding anti-glare technology for enhanced readability in brightly lit settings
- On-board WiFi for remotely controlling calls
- Up to 4 connectable mobile devices per system
- Configurable quick controls (default main entrance door-opener)
- List of AUX commands for activating auxiliary functions
- 'Panic' function for emergency calls to the porter (if present on the system)
- Silent mode - exclude ringtone (the alert LED lights up when silenced)
- Self-inserting video of entry panels with cyclic selection
- Unlimited intercom calls to other receivers and mobile devices
- Contacts list and favourites list
- Video answering service
- On-board web server for configuring and managing via the browser

MTM To XTS Vandal Resistant
VR video entry panel to XTS monitor

IK09 | VANDAL RESISTANT

Hard wired connection

Kit Includes:

- 1 x audio-video module for X1 System
- 1 x front piece for video module with one VR button
- 1 x frame with one-module profile
- 2 x power supplies
- 1 x black or white hands-free video monitor 7" touch screen display

- Surface frame with rain shield (surface mount kit only)
- Flush mount box (flush mount kit only)
- Full installation guide

Description	Monitor Colour	Code
Surface Mounted	Black	**21MTMSVR7XB1**
Flush Mounted	Black	**21MTMFVR7XB1**
Surface Mounted	White	**21MTMSVR7XW1**
Flush Mounted	White	**21MTMFVR7XW1**

Smartphone not included.

MTM To XTS Vandal Resistant
VR video entry panel with keypad to XTS monitor

IK09 | VANDAL RESISTANT

Hard wired connection

Kit Includes:

- 1 x audio-video module for X1 System
- 1 x front piece for video module with one VR button
- Keypad module for access control
- Front piece for access-control keypad module
- 1 x frame with one-module profile

- 2 x power supplies
- Surface frame with rain shield (surface mount kit only)
- Flush mount box (flush mount kit only)
- 1 x black or white hands-free video monitor 7" touch screen display
- Full installation guide

Description	Monitor Colour	Code
Surface Mounted	Black	**21MTMSVRK7XB1**
Flush Mounted	Black	**21MTMFVRK7XB1**
Surface Mounted	White	**21MTMSVRK7XW1**
Flush Mounted	White	**21MTMFVRK7XW1**

Smartphone not included.

Kits are available in 2 button / 2 screen versions on request.

Standard Garage Door Opener

VER6 (600N) and VER8 (800N) garage door operators with chain or belt guide

BRUNDLE

- Junction box
- VER operator
- Pull-cord release device
- Flashing light and antenna
- Adapter arm
- Internal push button
- Safety photocell
- Safety photocell

EN TESTED

3 YEAR WARRANTY
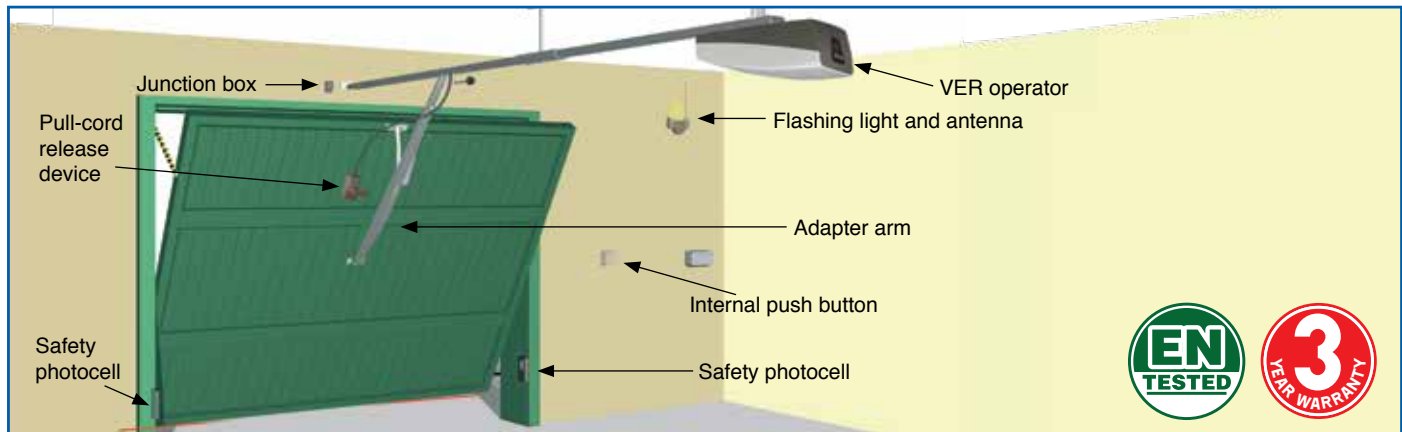
Features:

- Automate new or existing residential garage doors
- Traction force 600N or 800N
- Safe & reliable
- 24V DC system
- Quiet, smooth operation with force limited deceleration
- Integral courtesy light
- Manual release mechanism in the event of a power cut

Dimensions (mm):

190

127

367

36
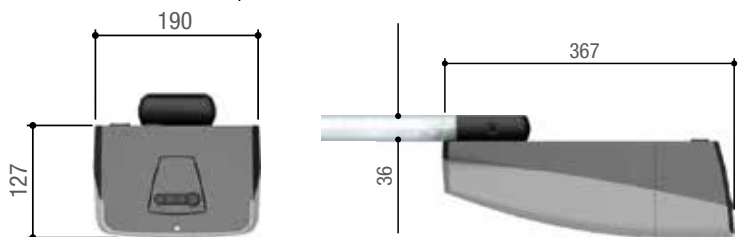
VER6C-Kit

600N garage door operator with chain guide for door up to 9m²

- **Kit Includes:** 1 x automated operator with control panel and encoder
- 3 piece chain guide
- 1 x radio remote control
- Full installation guide

CHAIN GUIDE

Code
21VER6CKIT

VER8C-Kit

800N garage door operator with chain guide for door up to 12m²

- **Kit Includes:** 1 x automated operator with control panel and encoder
- 3 piece chain guide
- 1 x radio remote control
- Full installation guide

CHAIN GUIDE

Code
21VER8CKIT

VER6B-Kit

600N garage door operator with belt guide for door up to 9m²

Kit Includes:
- 1 x automated operator with control panel and encoder
- 3 piece belt guide
- 1 x radio remote control
- Full installation guide

SILENT BELT GUIDE

Code
21VER6BKIT

VER8B-Kit

800N garage door operator with belt guide for door up to 12m²

Kit Includes:
- 1 x automated operator with control panel and encoder
- 2 piece belt guide
- 1 x radio remote control
- Full installation guide

SILENT BELT GUIDE

Code
21VER8BKIT

Accessories

Pull-Cord Release & Reset Device

To fit on door handle

Length m	Code
3	21V121

Drive Arm For Sectional Doors

For doors with distance between upper edge of door and shaft spring assembly between 300 & 600mm

Code
21V122

Electric Gate Box

Features:

- Black UV resistant polypropylene
- Non-rusting & long lasting
- Large easy to work in compartment
- Weather & waterproof to IP65

- Keep your electrics clean & dry
- Plywood "easy fix" internal wall
- Can be wall mounted or free standing on garden legs
- Plain fronted for publicity; promotional stickers

Height mm	Width mm	Depth mm	Code
400	550	220	**21EGB**

Steel

Wrought Iron Components

Gate Hardware

Sliding Door Gear

Gate Automation

Mesh

Decking & Subframe

Flooring & Stair Treads

Handrailing

Fencing

Fixings