



Automations for barriers





Technology Versatility Low consumption

Technological solutions for safe operation

All **V2** road barriers allow:

- Precise and constant monitoring of the bar position via encoder
- Obstacle detection
- Self-learning of opening and closing times.



Gardo
Aluminium posts for
photocells and accessories

Versatility of the range

V2 offers a full range of fast-opening road barriers for residential or multi-user passages up to 6 m in length.

Particular regard to energy consumption

V2 research is geared towards the development of systems that **reduce consumption and the impact on the environment**. With this objective, ECO-LOGIC has been created: a solar energy device to power the road barrier without connections to the electricity network.



PROKSIMA
Proximity system





Simplicity, Robustness, S



 niuba



Comfort and simplicity

Aimed at technicians and installers, the *V2AppTool* is the app that allows you to program the parameters of the **V2** control panels inside the road barriers via smartphones and tablets. The *V2AppTool*, available for Android and iOS, requires only the installation of the BT-01 Bluetooth module.



What can you do with the *V2AppTool*? You can set all the parameters of the control panel, load the default data, read the current configuration, or load a previously saved one.

The *V2AppTool* also allows you to access the event log, quickly update the firmware of the control unit and place the previously saved configurations in cloud.



Robustness

Metal cabinet with cathaphoresis treatment and paint finish. Anodized aluminium bars.



Operating safety

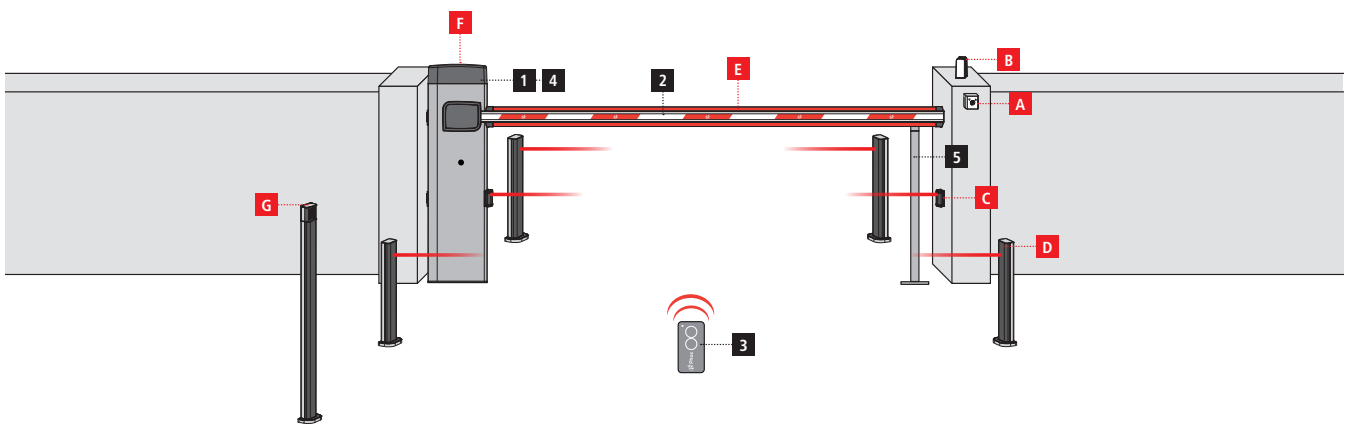
V2 offers a wide range of accessories and safety devices that guarantee the operation of the barriers even in the event of a power shortage (B-PACK buffer battery and ECO-LOGIC solar power kit).



Quality guarantee

V2 products comply with the European Directives and the main internationally recognised standards. In the **V2** laboratories, scrupulous tests are carried out on all products before being certified by qualified external bodies.

EXAMPLE SYSTEM MOTORS FOR BARRIERS



COMPONENTS

- 1** Motor
- 2** Boom
- 3** Transmitter
- 4** Receiving module
- 5** End support post

ADDITIONAL ACCESSORIES

- A** Key switch
- B** Flashing light
- C** Photocells
- D** Pillar photocells
- E** Lights kit (boom)
- F** Lights kit (barrier)
- G** Pillar-mounted digital radio switch

CABLE TO BE USED

LENGTH OF THE CABLE	< 10 metres	from 10 to 20 metres	from 20 to 30 metres
Power supply (230V)	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Photocells (TX)	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells (RX)	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Key switch	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Flashing light	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²

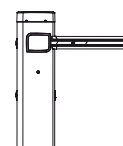
INDEX OF PRODUCTS MOTORS FOR BARRIERS



Motors for BARRIERS

8|9

niuba



Accessories

10

accessories for 4m barriers

11

accessories for 6m barriers

12

common accessories



niuba

Rapid opening automatic raise arm barrier

for residential and multiple use installations **up to 6 m width**

Available in two versions:
24V and **230V**



PLUS

- Accurate and safe operation with encoder
- Obstacle detection
- Self-learning of opening and closing times
- Synchronized operation of two barriers using the SYNCRO module
- Balancing spring included
- Anodized aluminium boom (accessory)

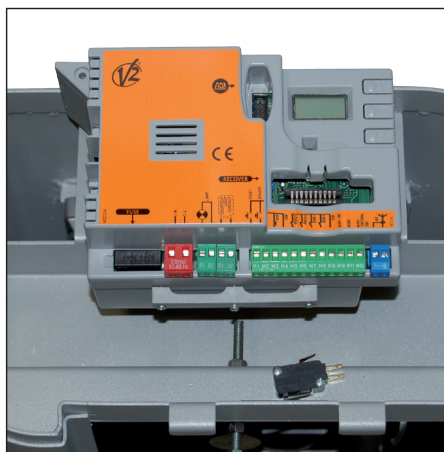
24V versions:

- Programmable acceleration and deceleration
- Operation in case of absence of power using the B-PACK backup battery
- Operation with solar power using the ECO-LOGIC system

TECHNICAL FEATURES

Description	24V for booms up to 4 m	24V for booms up to 6 m	230V for booms up to 4 m	230V for booms up to 6 m
MODEL	NIUBA4-24V	NIUBA6-24V	NIUBA4-230V	NIUBA6-230V
CODE	36A022	36A023	36A024	36A025
Power supply (Vac - Hz)	230 - 50	230 - 50	230 - 50	230 - 50
Motor power supply (Vac - Hz)	24 Vdc	24 Vdc	230 - 50	230 - 50
Maximum electric power (W)	240	300	300	350
Opening time (s)	3 ÷ 4	5 ÷ 6	6	8
Working temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Duty cycle % - (max. cycles/hour)	80 - (200)	80 - (150)	30 - (90)	30 - (90)
Protection degree (IP)	44	44	44	44
Motor weight (Kg)	44	52	44	52

CONTROL UNIT



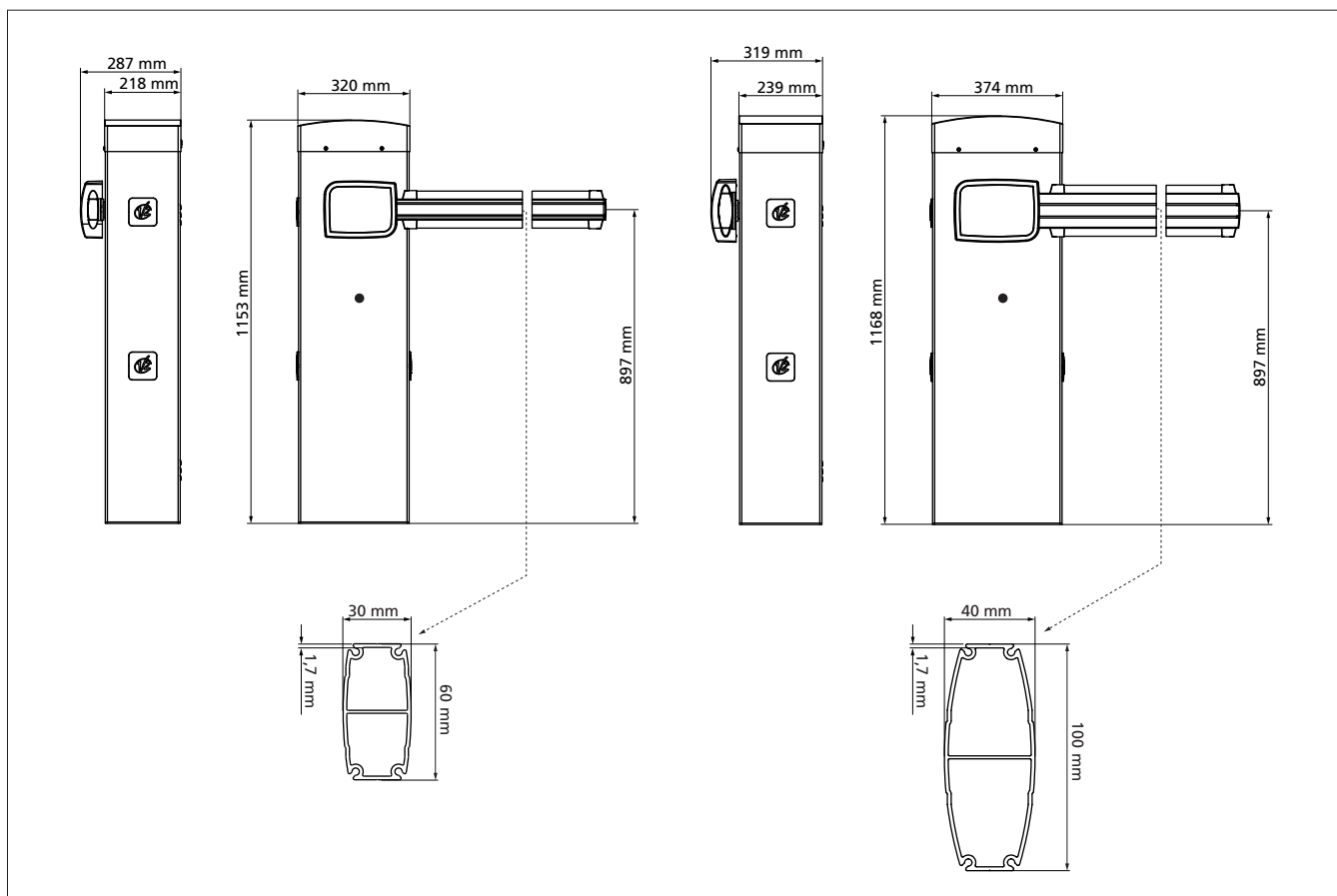
- Programming achieved using 3 buttons and display
- Plug-in adaptor for modular radio receiver MR2
- Input for photocells with self-test function
- Input for mechanical safety edges
- Courtesy light output
- Self-learning of the limit switch points and obstacle detection function
- Operational cycle counter, with programmable maintenance reminders
- Slow-down in the limit switch area
- Monitoring of input status using the display
- ADI connector for connecting optional modules

24V versions

- Holding magnet output
- 24V flashing light output
- Energy Saving function to minimise consumption in stand-by mode

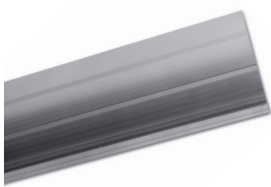
230V versions

- Output for flashing light 230V with intermittence



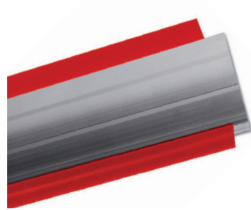


ACCESSORIES FOR 4 m BARRIERS



163614

4.22 m square aluminium boom



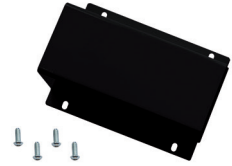
163628

4.22 m square aluminium boom with pre-assembled protective rubber



163617

4.22 m round (Ø 60) aluminium boom



163619

Fixing kit for Ø 60 round boom



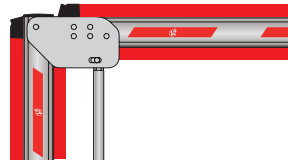
173630

Fixing kit for square boom



173608

Anchor plate



163616

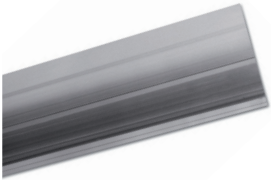
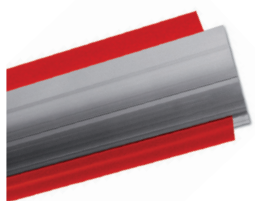
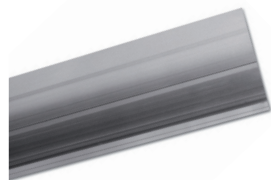


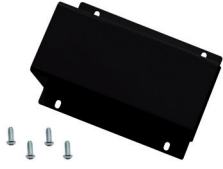
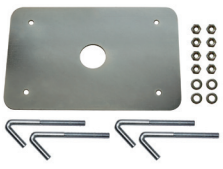

Joint for square boom



163630

Cover with integrated flashing light

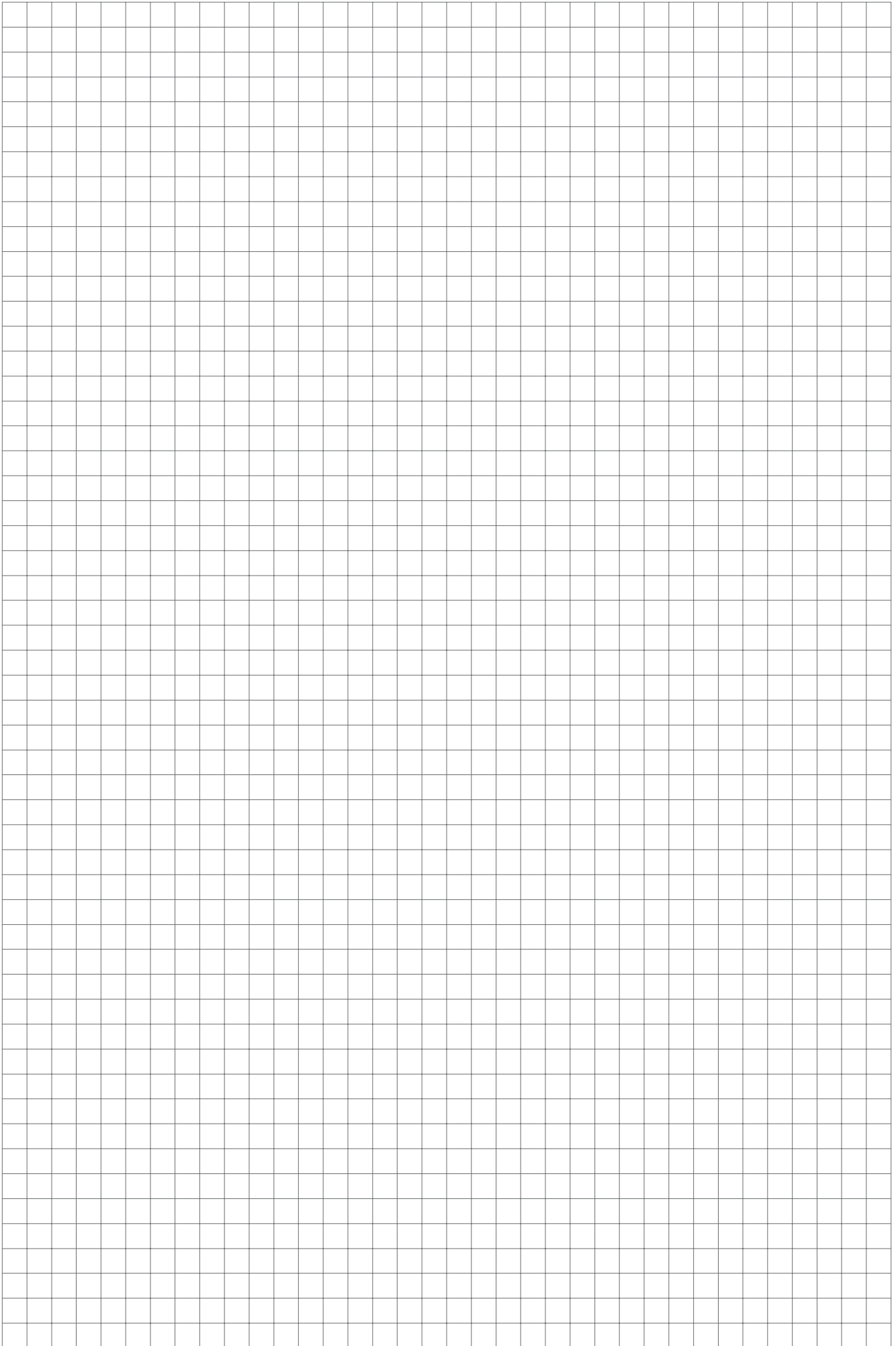
ACCESSORIES FOR 6 m BARRIERS

			
<p>163613</p>	<p>163627</p>	<p>163632</p>	<p>163623</p>
<p>6.28 m square aluminium boom</p>	<p>6.28 m square aluminium boom with pre-assembled protective rubber</p>	<p>6.28 m square aluminium boom divided into 2 sections with connecting elements</p>	<p>6.28 m round (Ø 90) aluminium boom</p>
			
<p>173629</p>	<p>163610</p>	<p>173621</p>	<p>163631</p>
<p>Fixing kit for square boom</p>	<p>Fixing kit for Ø 90 round boom</p>	<p>Anchor plate</p>	<p>Cover with integrated flashing light</p>














COMMON ACCESSORIES

<p>163629</p>	<p>163618</p>	<p>163604</p>	<p>163605</p>
<p>Protective rubber kit (6m x 2)</p>	<p>Aluminium shelf (2 m)</p>	<p>Movable end support post</p>	<p>End support post</p>
<p>163622</p>	<p>163615</p>	<p>161212 - B-PACK</p>	
<p>Reflective adhesive strips (24 pieces)</p>	<p>Lights kit consisting of 6 modules and wirings</p>	<p>Backup battery with built-in charger and wirings</p>	
<p>11B047 - MR2</p>	<p>161221 - BT01</p>	<p>161216 - SYNCRO</p>	
<p>433.92 MHz plug-in receiver module Also available in 868.30 MHz version (code 11B048)</p>	<p>ADI module for managing the control unit via Bluetooth and V2app</p>	<p>ADI modules for synchronized operation of two motors</p>	



ICONS

	Control unit power supply voltage
	Motor power supply
	Built-in receiver
	Connector for modular receiver
	Output for flashing light without intermittence
	Output for flashing light with intermittence
	Interface for connecting ADI modules
	Control unit set up for SYNCRO module connection
	Control unit suitable for operation with the backup battery module
	Compatible with the ECO-LOGIC system
	Control unit designed for connection to Bluetooth module and control via V2app

info@v2home.com - www.v2home.com



domotics & love