

# L-Bar

## Electromechanical road barrier system for control of road access



### Powerful and fast, for bars from 7 to 9 m.

24 Vdc gear motor with built-in control unit.

**Simplified programming:** control unit with display and joystick to make setting operating parameters even faster.

The control unit has an output to power 24 Vdc devices and two inputs to control loop detectors with the LP21 and LP22 accessories.

**Modular:** bars are easily assembled using the aluminium expansion joint.

Possibility for intelligent control of two opposing automations thanks to **“master/slave” function**.

**Strength and reliability:** tough steel structure, new robust balancing springs guaranteed to 2,000,000 cycles and elliptical section shaft with high resistance to gusts of wind.

Optional flashing or traffic light can be integrated in cover.

Encoder movement control and electromechanical limit switches.

**More comfort and safety in programming and maintenance phases:** the separate enclosures for electronics and mechanics protect internal parts from potential risks.

Rapid and easy access to the control unit located in the upper section of the barrier body.

Simple fixture of the completely concealed photocells onto the specially designed seats on the barrier body.

**More safety and reliability:** obstacle detection and monitoring of motor absorption during automation movement.

Automatic fault diagnostics during operation with consequent signalling of fault type through specific flash sequences.

Provision for connection of latest generation optical and resistive sensitive edges (with 8.2 KOhm resistance).

**Energy saving:** the system sets to standby when not in use to save consumption.

**No black out:** with the optional batteries (PS224) housed inside the gear motor.

**Release from side with metal key:** can be installed on either side.

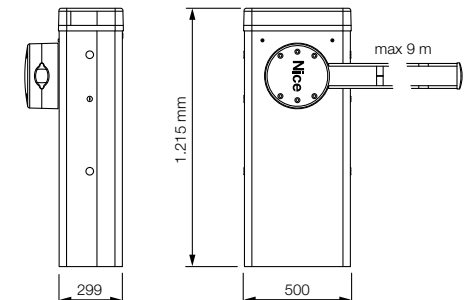
Nice **BiDirectional products** indicate the status of the automations and confirm correct reception of the command.

Discover the complete range of BiDirectional products on page 176.

**Yubii** is the new Nice ecosystem that connects all the automations in the home.

Discover all the benefits of the Yubii system on page 168.

### DIMENSIONS



## COMMON ACCESSORIES



**CORE**  
Nice Wi-Fi-Radio Gateway.  
Pc./Pack 1



**IBT4N**  
Interface for connecting the O-View programming unit.  
Pc./Pack 1



**BIDI-ZWAVE**  
Plug-in communication interface between Z-Wave™ gateways and Nice motors.  
Pc./Pack 1



**IT4WIFI**  
Smart Wi-fi interface to manage gates and garage doors by smartphone (\*).  
Pc./Pack 1



**BCU1**  
Spare control unit.  
Pc./Pack 1



**PS224**  
24 Vdc buffer battery.  
Pc./Pack 1



**LP21**  
Magnetic loop detector 1 channel.  
Pc./Pack 1



**LP22**  
Magnetic loop detector 2 channels.  
Pc./Pack 1



**SOLEMYO KIT**  
The solar power to automate gates, garage doors or barrier gates.  
See page 229.

## IN ORDER TO HAVE A FULLY FUNCTIONAL BARRIER GATE OPERATOR SYSTEM:



### TECHNICAL SPECIFICATIONS

**With bar up to 9 m, irreversible 230 Vac, 24 Vdc motor, with foundation plate:**

Code	Description
<b>L9BAR</b>	With steel case with protective cataphoresis treatment and paint finish
<b>L9BARI</b>	With stainless steel case

Code	L9BAR	L9BARI
<b>ELECTRICAL DATA</b>		
Power supply (Vac 50/60 Hz)		230
Power supply (Vdc)		24
Power (W)		160
<b>PERFORMANCE DATA</b>		
Speed min.-+max. (s)		11 ÷ 18
Torque (Nm)		400
Work cycle (cycles/hour)*		150
<b>DIMENSIONAL AND GENERAL DATA</b>		
Protection level (IP)		54
Working temp. (°C Min/Max)		-20 ÷ +55
Dimensions (mm)		500x299x1215 h
Weight (kg)		98

\* Nominal torque

### COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	receiver				transmitter							photocells								flashing light					
	Built-in*	OXI	OXIBD	OXILR	ERA INTI	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	EPNOW	EPMOR	F210	FT210	F210B	FT210B	ELAC	ELDC	WLT
<b>L9BAR / L9BARI</b>		•	•	•	•	•	•	•	•	•				•	•	•	•				•	•		•	•

\* Radio receiver incompatible with Opera system

\* Not compatible with the Solemyo kit and PS224

# Accessories L-Bar

## BARS



**XBA15**  
White paint-finished aluminium bar 69x92x3150 mm.  
Pc./Pack 1



**XBA14**  
White paint-finished aluminium bar 69x92x4150 mm.  
Pc./Pack 1



**XBA5**  
White paint-finished aluminium bar 69x92x5150 mm.  
Pc./Pack 1



**XBA9**  
Expansion joint.  
Pc./Pack 1



**XBA18**  
Indicator lights for click fixture on upper or lower side of bar. Length 8 m.  
Pc./Pack 1



**XBA8**  
Integrable traffic light.  
Pc./Pack 1



**XBA7**  
Integrable flashing light.  
Pc./Pack 1



**XBA13**  
Rubber impact protection strip. Length 1 m.  
Pc./Pack 9



**WA10**  
Red adhesive reflector strips.  
Pc./Pack 24



**WA13**  
Aluminium rack up to 2 m.  
Pc./Pack 1



**XBA17**  
Red base with clamps.  
Pc./Pack 1



**WA12**  
Mobile stand for bars - new fully reinforced version.  
Pc./Pack 1



**WA11**  
Adjustable stand for bars.  
Pc./Pack 1