

# 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.

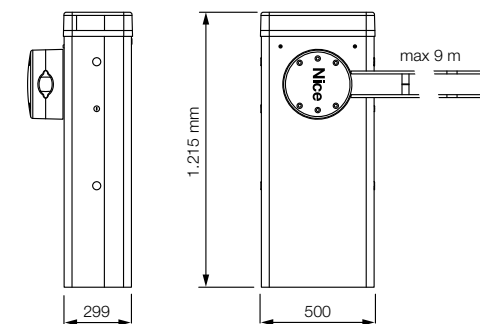
Provision for connection of latest generation optical and resistive sensitive edges (with 8.2 KOhm resistance).

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

**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.

### DIMENSIONS



## COMMON ACCESSORIES



**IBT4N**  
Interface for connecting the O-View programming unit.

Pc./Pack 1



**IT4WIFI**  
Smart Wi-fi interface to manage gates and garage doors by smartphone. (Not compatible with the Solemyo kit and battery backup.)



**BCU1**  
Spare control unit with inbuilt loop detection contacts.

Pc./Pack 1



**PS224**  
24 Vdc buffer batter.

Pc./Pack 1



**LP21**  
Magnetic loop detector 1 channel.

Pc./Pack 1



**LP22**  
Magnetic loop detector 2 channels.

Pc./Pack 1

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

1. CHOOSE THE GEAR MOTOR

2. SELECT THE BAR

3. COMPLETE THE SYSTEM WITH THE OPTIONAL ACCESSORIES

## 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
Absorption (A)		1.3
Power (W)		160
<b>PERFORMANCE DATA</b>		
Speed min.-max. (s)		8 ÷ 12
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

## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	receiver		transmitter				photocells										flashing light				
	Built-in*	OXI	ERIA INTI	ERIA ONE	ERIA FLOR	NICEWAY	EP'S	EP'M	EP'L	EP'SB	EP'MB	EP'LB	EP'MOW	EP'MOR	F210	FT210	F210B	FT210B	ELAC	ELDC	WLT
<b>L9BAR / L9BARI</b>		•	•	•	•	•					•	•	•	•			•	•		•	•

\* Radio receiver incompatible with Opera system

# 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**  
Anchorage 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