

# S-Bar

## Electromechanical road barrier system for control of road access



### For bar up to 4 m.

24 Vdc gear motor with built-in control unit.

**Strength and reliability:** tough steel structure, new robust balancing springs guaranteed to 500,000 cycles and elliptical section shaft with high resistance to gusts of wind.

Optional flashing or traffic light can be integrated in cover.

**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:** emergency backup power with the optional batteries housed inside the case.

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

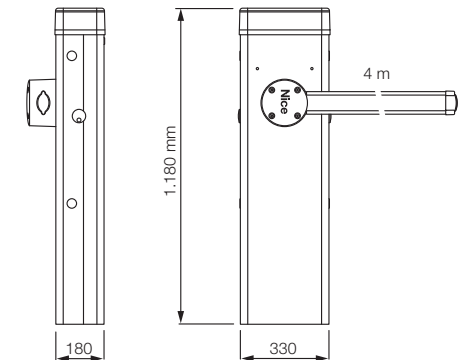
Nice **BiDirectional products** indicate the status of the automations and confirm correct reception of the command.

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 170.

### DIMENSIONS



## COMMON ACCESSORIES



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



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



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



**XBA19**  
White paint-fin-  
ished aluminium bar  
45x58x4270 mm.  
Pc./Pack 1



**XBA20**  
Spare control unit, for  
S4BAR.  
Pc./Pack 1



**PS124**  
24 V battery with inte-  
grated battery charger.  
Pc./Pack 1



**XBA13**  
Rubber impact protec-  
tion strip. Length 1 m.  
Pc./Pack 9



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



**SIA1**  
nchorage base with  
clamps.  
Pc./Pack 1



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



**XBA4**  
Indicator lights for  
click fixture on upper  
or lower side of bar.  
Length 4 m.  
Pc./Pack 1



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



### SOLEMYO KIT

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

\* Not compatible with the Solemyo kit and PS124

## 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 4 m, irreversible 230 Vac, 24 Vdc motor, with foundation plate:

Code	Description
<b>S4BAR</b>	With steel case with protective cataphoresis treatment and paint finish
<b>S4BARI</b>	With stainless steel case

Code	S4BAR	S4BARI
ELECTRICAL DATA		
Power supply (Vac 50/60 Hz)		230
Power supply (Vdc)		24
Absorption (A)		1
Power (W)		300
PERFORMANCE DATA		
Speed (s)		<4
Torque (Nm)		100
Work cycle (cycles/hour)*		100
DIMENSIONAL AND GENERAL DATA		
Protection level (IP)		44
Working temp. (°C Min/Max)		-20 ÷ +50
Dimensions (mm)		330x180x1180 h
Weight (kg)		46

## 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	EPMDR	F210	F2110	F210B	F2110B	ELAC	ELDC	WLT
S4BAR		•	•	•	•	•	•	•	•	•				•	•	•	•	•							
S4BARI		•	•	•	•	•	•	•	•	•				•	•	•	•	•			•	•		•	•

\* Radio receiver incompatible with Opera system

For swing gates

For sliding gates

Barrier gates  
operator systems

For garage  
and industrial doors

Control systems  
and accessories

Compatibility table  
and alphabetical index