

The Nice Barriers

Nice systems
to control roadways
to residences,
companies
and communities



Nice

Home Automation

Excellent reasons to choose Nice.

Simple and practical solutions
for any automation!

Products that are easy to use, stylish, sturdy and practical: the degree of our success can be measured in the satisfaction of millions of users and clients throughout the world.



A comprehensive range and compatible systems

Nice offers a comprehensive range of products: a wide range of systems and products for the automation of gates, garages, shutters, barriers, awnings and shutters. All products are compatible with one another and easily integrated with existing systems.

* For any information concerning the Nice range for the automation of swing and sliding gates, garage doors and industrial applications, request the respective product brochures

Convenience

A Nice automation system adds value to your home:

- you will be able to come and go feeling safe and secure, without getting out of the car
- the children will be safe and protected when playing in the garden
- the system will continue to work even during power failures thanks to the rechargeable batteries (optional).



2000
"International Design Gallery"
Expo 2000
Hannover

ADI

2001
Best of Category
"Design for the Environment"
XIX Compasso d'Oro



2002
Permanent Collection
at The Museum
of Design



1999, 2003,
2005
"Intel Design Award"



1999, 2003,
2005
"ADI Design Index"



2005
"Trophée d'Argent"
Trophee du Design
Batimat



2006
"Innovation Prize"
R+T Stuttgart



2007
"Innovation & Design Award"
LivinLuce



With just a click

Small, slim and coloured, ideal to carry in your pocket, bag or use as stylish key rings, or table-top or wall-mounted, for control of the entire home at your fingertips!

Certified quality.

Safety, quality, reliability and durability are priorities for Nice. All Nice Products in fact comply with the provisions of the **European Directives** governing construction.

Service

Dealers who offer Nice products to their customers believe in the value of quality; providing service that satisfies all the needs and wishes of customers, before and after sales, is a duty. Contact a Nice specialist with complete trust!

Design

Today, Nice products are exhibited in design and applied art museums, and were presented with an awards at the XIX Compasso d'Oro, the most important international event in the design field.



Nice's way of controlling entries.

Assured comfort and peace of mind

There are many vehicle access control systems for apartment blocks and companies from the simplest to the most sophisticated. You choose who enters, and only on the days and at the times that you have set.



Safety

Great care of people safety and product quality. The high quality of the employed materials grants silence and duration, grant safety and comfort to installations.

Compatible systems

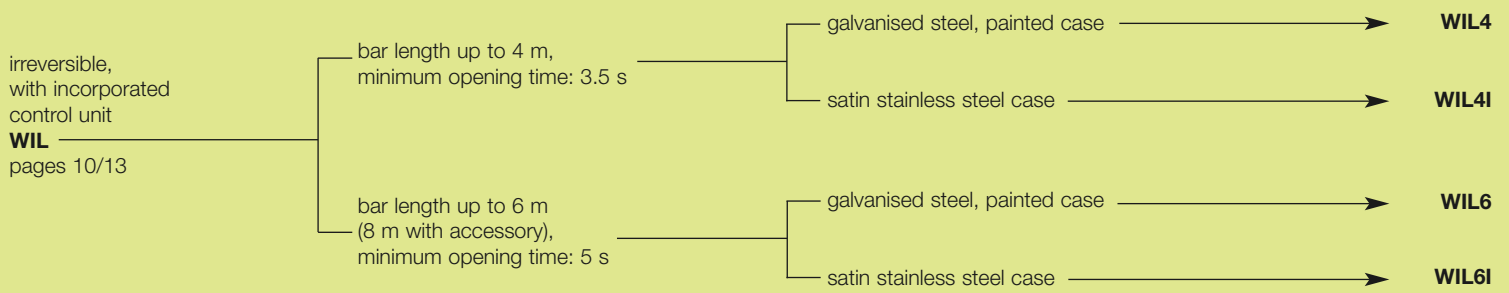
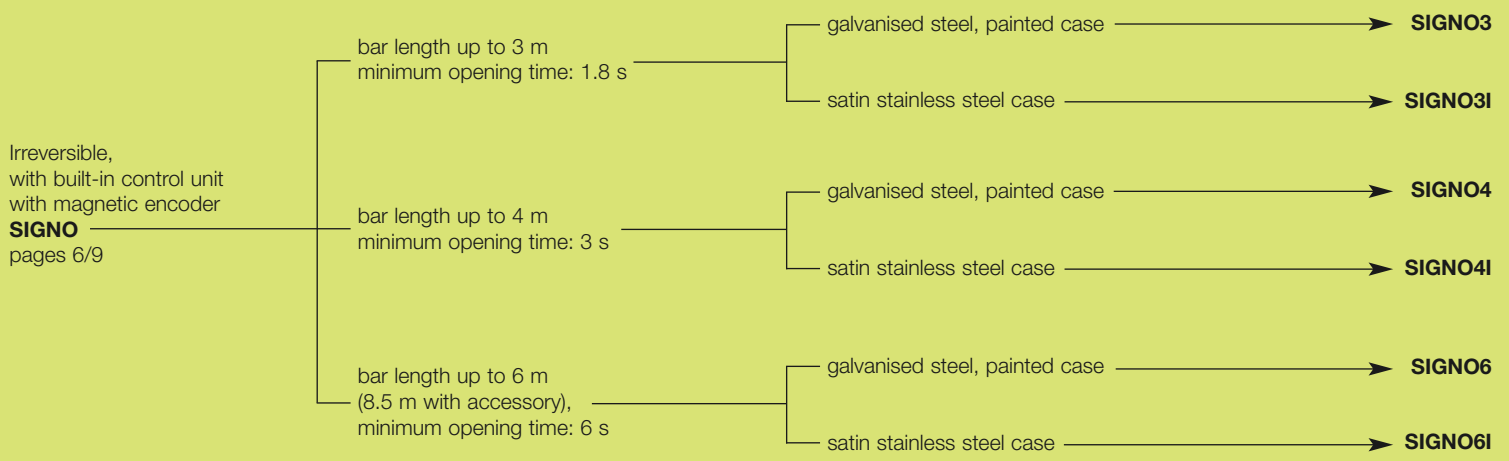
The Signo barrier gate operators, radio controls, photocells, transponder systems and key-operated or digital selector switches operated using Moon via radio are Nice's proposals for controlling entries both easily and safely.



Signo

Selection guide

Follow the arrow and choose the right product



For private, public and industrial car parks.

Electromechanical barrier gate operator with encoder.

Bars up to 3 m (SIGNO3, SIGNO3I), 4 m (SIGNO4, SIGNO4I) and 6 m (SIGNO6, SIGNO6I).

Galvanised steel, painted case (SIGNO3I, SIGNO4I, SIGNO6I).

Powerful and quick:

electromechanical 24 Vdc gear motor, 300 W power and up to 250 Nm torque. It opens up completely (90°) in just 1.8 seconds (Signo3), 3 seconds (Signo4), 6 seconds (Signo6). Models with a 230 Vac or 110 Vac power supply.

Even more sophisticated and well-developed new control unit

The same for all models, it automatically recognises and memorises the Signo model on which it is installed thereby eliminating the first installation procedure. Signals that the power supply is correct when started and that the control unit is functioning correctly.

Automatic diagnosis of faults when operating: this new function, which takes place during the normal operation of the automation, makes an automatic diagnosis of the faults detected by the control unit and signals the various types through a combination of flashes.

Intelligent: the manoeuvre will invert automatically if the bar comes into contact with an obstacle.

The control unit automatically corrects any eventual lack of balance linked to variations in the climate or poor installation.

Safe: the innovative control unit utilises a revolutionary management system of the force, speed, acceleration and deceleration that can be **programmed at 6 levels**, at the beginning and at the end of the manoeuvre. Programming is intuitive and completely automatic with the Nice Encoder technology: Simply push a button and Signo will comprehend the limit switch limits.

Large openings: a master/slave selection automatically synchronises two barriers set opposite one another. This means that entrances up to 8 and 12 m can be automate.

Convenient: separate compartments for electronics and mechanics provide the user with easy access without damages to internal parts.

Exclusive functions:

- The barrier will close immediately after the vehicle has passed through
- It has two types of traffic-light type signals
- There is an automatic safety test at the beginning of each manoeuvre
- Constant resistance STOP input for connecting the latest generation of sensitive edges
- There is a manoeuvre counter and it is possible to programme the maintenance alarm threshold

Intensive use

The new, 24 Vdc gear motor Signo can be used intensively for long periods of time. This characteristic makes it ideal for automating private, public or industrial car-parks which are subjected to the frequent passage of vehicles during the day.

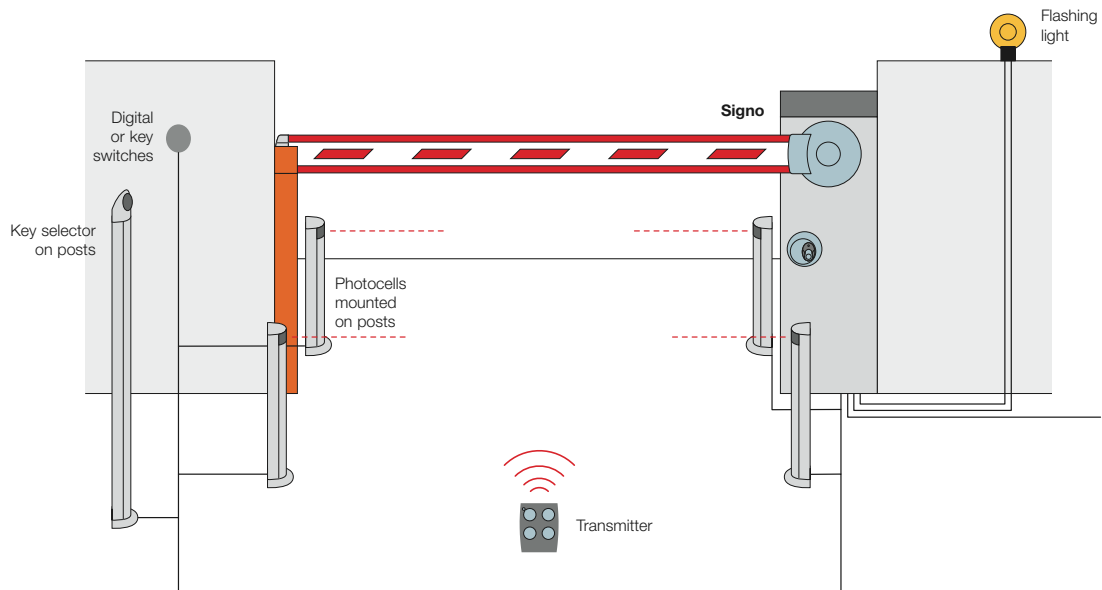
Upper compartment: the electronics can be easily accessed from below the removable section of the cabinet

A large door for access to the lower compartment that contains the mechanical parts

Aluminium Nice release: user-friendly, effortless, sturdy

LED signalling lights





Approximate draft

Technical specifications

	SIGNO3 SIGNO3I	SIGNO4 SIGNO4I	SIGNO6 SIGNO6I
Power (Vac 50/60 Hz)		230	
Emergency power supply		PS224	
Power absorbed (W)	250		300
Current absorbed (line) (A)	1.1		1.3
Current absorbed (motor) (A)	10		12
Protection level (IP)		44	
Reduction ratio	1/123		1/241
Torque (Nm)	130	200	250
Min.-max. opening time (s)	1.8÷4	3÷6	6÷10
Working temp. (°C Min/Max)		-20 ÷ +50	
Work cycle (%)		80	
Dimensions (mm)	320x1070x320		420x1070x340
Weight (kg)	50		58
Insulation class		1	

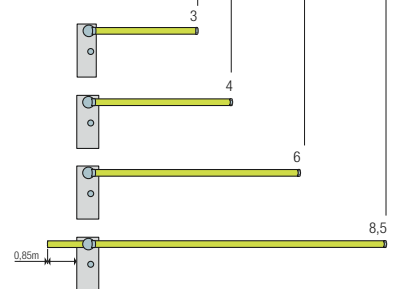
Utilisation limits

SIGNO6 / SIGNO6I up to 8.5 m
with WA24 (bar) without accessories, equipped with mobile stand, with limits to speed

SIGNO6 / SIGNO6I up to 6 m
bar with complete set of accessories with limits to speed

SIGNO4 / SIGNO4I up to 4 m
fully accessoried bar up to 3.75 m

SIGNO3 / SIGNO3I up to 3 m
fully accessoried bar without rack and mobile stands, with limits to speed



Bar length (m)

N.B. Tubular aluminium bars don't need the use of accessories (only WA11)

Nice Signo

Accessories

Accessories for SIGNO3 / SIGNO3I



SIA1
anchorage base
with clamps

Pc/pack 1



SIA3
aluminium bar, painted
white 36x73x3250 mm

Pc/pack 1



WA2
8 m pack of red shockproof
rubber strip with caps
to close SIA3 bar

Pc/pack 1



WA25
pivoting connection
for rettangular bars
up to 4 m

Pc/pack 1

Accessories for SIGNO4 / SIGNO4I



WA1
aluminium bar, painted
white 36x73x4250 mm

Pc/pack 1



WA2
8 m pack of red
shockproof rubber strip
with caps to close
WA1 bar

Pc/pack 1



WA3
tubular aluminium bar,
painted white Ø70x4250 mm,
suitable where there are
strong winds.
Only with WA11.
Pc/pack 1

Pc/pack 1



WA4
connection
for the WA3 bar

Pc/pack 1



WA13
aluminium rack (2 m)
for WA1, WA21,
WA22 bars

Pc/pack 1



WA14
joint for rods WA1
(from 1850 mm
to 2400 mm)

Pc/pack 1



SIA1
anchorage base
with clamps

Pc/pack 1



WA25
pivoting connection
for rettangular bars
up to 4 m

Pc/pack 1

Accessories for SIGNO6 / SIGNO6I



WA21
aluminium bar, painted
white 36x94x6250 mm

Pc/pack 1



WA22
modular bar, plus joint
painted white, 2 sections
36x94x3125 mm

Pc/pack 2



WA6
pack 12 m of red
shockproof rubber strip
with caps to close
the bars WA21, WA22

Pc/pack 1



WA24
tubular telescopic bar in
white painted aluminium,
max. length 8.5 m, complete
with mobile support WA12,
counterweight and
connector. 6 metres overall
length for transportation.
See draft page 7

Pc/pack 1



WA7
tubular aluminium bar,
painted white Ø90x6250 mm
suitable where there are
strong winds,
only with WA11

Pc/pack 1

Accessories for SIGNO6 / SIGNO6I



WA8
connection
for the WA7 bar

Pc/pack 1



WA13
aluminium rack (2 m)
for WA1, WA21,
WA22 bars

Pc/pack 1



SIA2
anchorage base
with clamps

Pc/pack 1

Common accessories



WA9
pack of flashing signals,
wired for WA1, WA21,
WA22 bars

Pc/pack 6



WA10
red adhesive
reflector strips

Pc/pack 24



WA11
adjustable stand
for bars

Pc/pack 1



WA12
mobile stand
for bars

Pc/pack 1



PS224
24 Vdc buffer battery

Pc/pack 1



SIA20
spare control unit



PO
rear bracket

Pc/pack 4

For private, public and industrial car parks.

Electromechanical barriers, 24 Vdc, with adjustable speed and anti-crushing safety feature. Intensive use. Bars up to 4 m (WIL4, WIL4I) and 6 m (WIL6, WIL6I).

Galvanised steel, painted case or AISI 304 (WIL4I, WIL6I).

Incorporated control unit, can be removed, making wiring and maintenance easier.

Easy to install: the bar can be assembled on either the right or left hand side indifferently.

Easy to balance: linear adjustment of the spring.

The system will operate during a blackout by means of internally fitted, rechargeable batteries.

The limit switches for slowdown during both opening and closing can be adjusted both mechanically and electronically.

Speed can be electronically adjusted: WIL4, 3.5 second minimum opening time; WIL6, 5 second opening time.

Anti-crush safety feature in opening and closing.

Painted aluminium bar profile: easy to assemble the signalling lights and pneumatic edge.

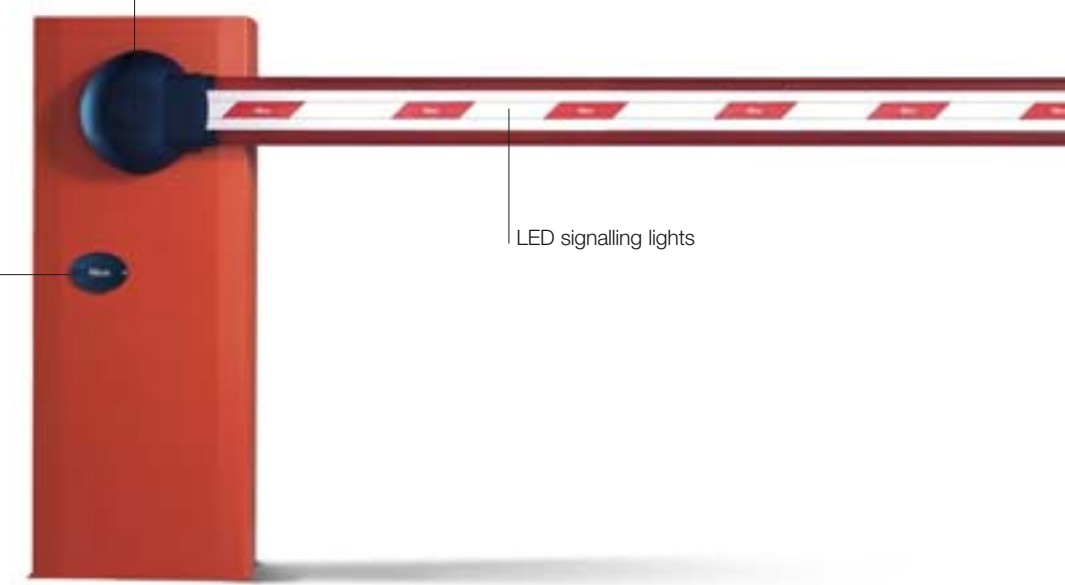
LED signalling lights: highly efficient and long-lasting.

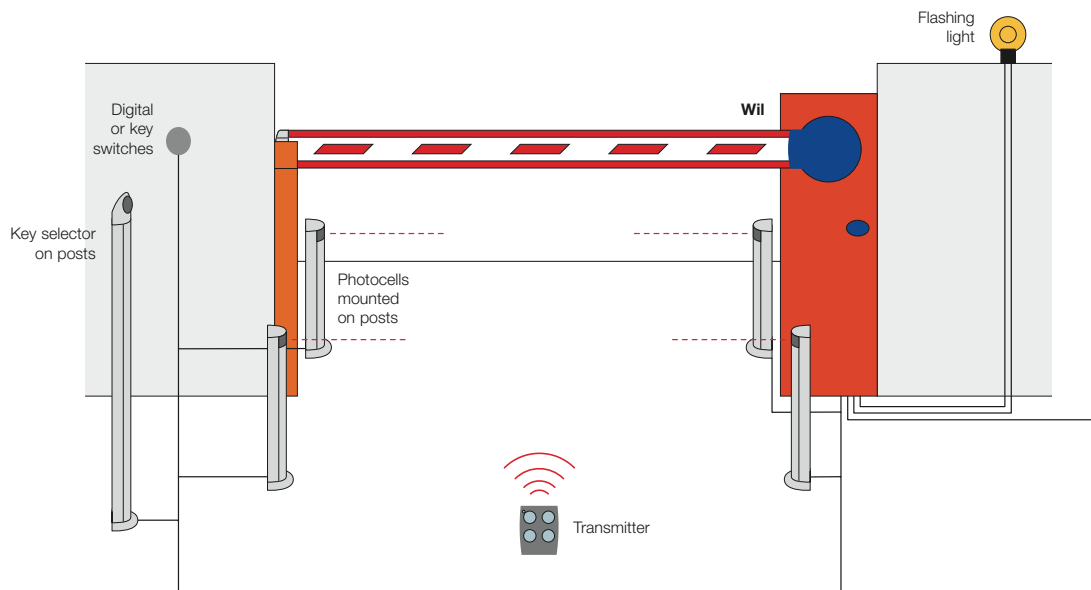
Easy to operate, protected key-operated unlock system.

Moving parts protected by plastic casing

Protected key unlock system

LED signalling lights





Approximate draft

Technical specifications

		WIL4 WIL4I	WIL6 WIL6I
Power	(Vac 50/60 Hz)	230	
Emergency power supply	(Vdc)	24	
Power absorbed	(W)	180	100
Current absorbed	(line) (A)	1	0.5
Current absorbed	(motor) (A)	8	5
Protection level	(IP)	44	
Reduction ratio		1/456	
Torque	(Nm)	150	220
Minimum opening time	(s)	3.5	5
Working temp.	(°C Min/Max)	-20 ÷ +50	
Work cycle	(%)	80	
Dimensions	(mm)	320x1000x290	420x1050x290
Weight	(kg)	46	54

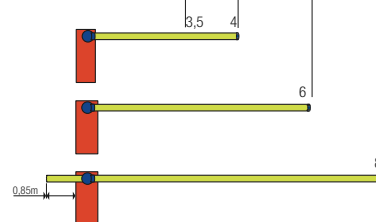
Utilisation limits

WIL6 / WIL6I up to 8 m
with WA24 (bar without accessories),
with no limits to speed

WIL6 / WIL6I up to 6 m
fully accessoried bar with speed limit and a WA13 rack
max length of 4 m
or
WA13 rack length 6 m, without
shockproof rubber strip WA2

WIL4 / WIL4I up to 4 m
fully accessoried bar with speed limit
and a WA13 rack max length of 2 m
or
4 m rack length without shockproof
rubber strip WA2

**WIL4 / WIL4I
up to 3.5 m**
fully accessoried bar
without speed limit



Bar length (m)

*N.B. tubular aluminium bars
don't need the use of accessories
(only WA11)*

Accessories for WIL4 / WIL4I



WA1
aluminium bar, painted white 36x73x4250 mm

Pc/pack 1



WA2
8 m pack of red shockproof rubber strip with caps to close WA1 bar

Pc/pack 1



WA3
tubular aluminium bar, painted white Ø70x4250 mm, suitable where there are strong winds only with WA11

Pc/pack 1



WA4
connection for the WA3 bar

Pc/pack 1



WA14
joint for rods WA1 (from 1850 mm to 2400 mm)

Pc/pack 1



WA15
anchorage base with clamps

Pc/pack 1



WA25
pivoting connection for rectangular bars up to 4 m

Pc/pack 1

Accessories for WIL6 / WIL6I



WA21
aluminium bar, painted white 36x94x6250 mm

Pc/pack 1



WA22
modular bar, plus joint painted white, 2 sections 36x94x3125 mm

Pc/pack 2



WA6
pack 12 m of red, shockproof, rubber strip with caps to close the bars WA21, WA22

Pc/pack 1



WA24
tubular telescopic bar in white painted aluminium, max. length 8 m, complete with mobile support WA12, counterweight and connector. 6 meters overall length for transportation. See draft page 11

Pc/pack 1



WA7
tubular aluminium bar, painted white Ø90x6250 mm suitable where there are strong winds, only with WA11

Pc/pack 1



WA8
connection for the WA7 bar

Pc/pack 1



WA16
anchorage base with clamps

Pc/pack 1

Common accessories



WA9
pack of flashing signals,
wired for WA1, WA21,
WA22 bars

Pc./pack 6



WA10
red adhesive
reflector strips

Pc./pack 24



WA11
adjustable stand
for bars

Pc./pack 1



WA12
mobile stand for bars

Pc./pack 1



WA13
aluminium rack (2 m)
for WA1, WA21, WA22
bars

Pc./pack 1



WA20
spare control unit



CARICA
plug-in card
for battery charger

Pc./pack 1



B12-B
12 V 6 Ah batteries

Pc./pack 1



PO
support bracket

Pc/pack 4

Nice control electronics

Radio-controls

NiceWay

Radio control system to manage the range of Nice automations, such as awnings, rolling shutters, gates and garage doors, from any point within the home



Receivers

Universal



Universal for outdoors



With Nice plug-in



Pre-wired



Modular



Accessories

Moon

Range of digital and key switches, proximity sensor reader and synchronised photocells with a 10° receiving angle, also available in a 30° version adjustable, with BlueBUS technology

F210

Synchronised photocells adjustable at 210° horizontally, with relay output or BlueBUS technology

Digital and key switches



Proximity sensor reader



Synchronised photocells



One

433.92 MHz and 868.46 MHz transmitters, with management of Identity Codes and Certificates. Compatible with Opera System

**Flor**

Radio-control 433.92 MHz rolling code system with self-learning function. 1, 2 and 4 channels versions

**Very**

Miniaturised radio control 433.92 MHz rolling code system with self-learning function or programmable code



Control units and systems

Mindy

Range of Nice control units: all kinds of models for all kinds of automations, from the simplest to the most sophisticated, which offer exclusive, fully-developed functions by means of magnetic encoders

**Tag system**

Concealed and feedthrough installing radio control systems made up of a TTX4 transmitter and TT1-TT2 control units. Ideal to manage any home automation, lighting point and load up to 500 W

**FT210**

Optical device adjustable at 210° horizontally and 30° vertically. With relay output or BlueBUS technology

**O-Box**

Connection interface for Opera System

**O-View**

Multifunction display for Opera System

**Moonlight**

Modular flashing signal light



Click... Nice will take care of it!

Gates, garage doors, awnings and rolling shutters are always under control with Nice, as irrigation and garden lighting. From today even much more saving and respect for the environment thanks to solar energy!



Nice Headquarters, Oderzo

Nice SpA
Oderzo TV Italia
Ph. +39.0422.85.38.38
Fax +39.0422.85.35.85
info@niceforyou.com



www.niceforyou.com

