

More comfort and  
greater efficiency with  
the new **long range**  
**BiDirectional** system  
with **LoRa**<sup>®</sup> technology



Nice

# Nice presents the line of BiDirectional receivers and transmitters with LoRa® long range radio technology



With the Era One LR transmitter and OXI LR receiver, you can now receive **feedback on reception** of the command and the **status of gate and garage door automations**.

Particularly suitable for long distances or places with a high level of radio disturbance.

The technology offers numerous advantages: long range radio, up to 1 Km\* in an open space.



Particularly suitable for places with a high level of radio disturbance



## Additional information thanks to the NFC technology

Near Field Communication enables you to access additional information by simply placing your smartphone near the new Era One LR bidirectional transmitter.



Nice

# Era One & OXI LR

Bidirectional transmitters and receivers with LoRa® long range technology

Command reception feedback

- gate/door open
- gate/door closed
- partial opening/closing



NFC to display additional information on the remote control

Automation status querying

## Four key transmitter: 3 radio channels and 1 key to request automation status.

433.92 MHz radio frequency with rolling code encoding, identity code management and self-learning.

**Long range commands:** LoRa® technology sends commands over a distance in an open space about 10 times greater than previous radio protocols. Automation control has never been so efficient!

**Even at a distance from the system,** you can enable a new transmitter by using another Era One LR transmitter already enabled in the receiver, thanks to exchange of the **identity code** between them.

**Elegant and practical:** the Era One LR transmitter can be used as a refined high-tech keyring, or fixed to the wall or the car dashboard, thanks to the practical mount included in the pack.

## Bidirectional Era One LR, ideal for using in cities or wherever there are numerous other devices present.

The bidirectional radio protocol uses LoRa® modulation to improve immunity from interference.

## Bidirectional plug-in receiver with LoRa® technology.

The OXILR is compatible with all Nice control units with SM connector and so can also make existing Nice automations long range bidirectional.

**Ergonomic design:** antenna connectors, key and programming LED in convenient practical positions.

**Maximum flexibility:** can memorise up to 1,024 bidirectional transmitters with LoRa® technology.

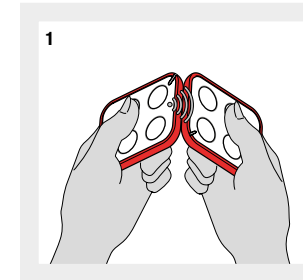
## TECHNICAL SPECIFICATIONS

Code	Description	Pcs./pack
<b>ON3ELR</b>	3 channels, 433.92 MHz, bidirectional, with LoRa® technology	10
<b>ONELRKIT</b>	KIT with LoRa® technology Composed by: 2 pcs ON3ELR, 1 pcs OXILR, 1 pcs OX2UBP	

	Carrier frequency	Estimated range	Encoding	Power supply	Battery lifetime	Protection class	Dimensions Weight
<b>ON3ELR</b>	433.92 MHz	1 Km; 100 m (if inside a building)*	LR	3 VDC; CR2032 lithium battery	2 years (with 10 transmissions per day)	IP40 (use in protected environments)	45x56x11 h mm 18 g

\* Transmitter range and receiver reception capacity may be affected by any other devices operating on the same frequency in the area and by the position of the system's radio antenna.

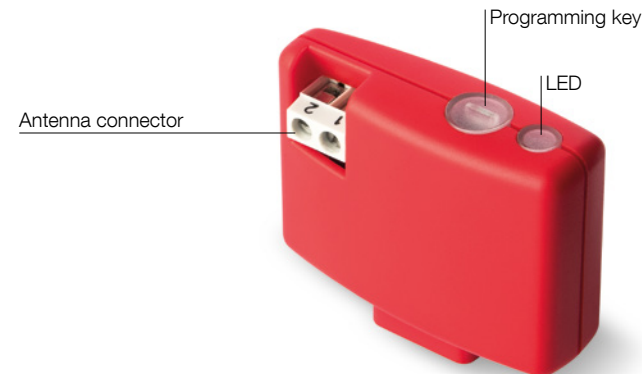


## ONELRKIT

KIT with LoRa® technology, thanks to the OX2UBP hardware interface it can be installed with third party operators.

1. Exchange of identity code between a previously memorised transmitter with LoRa® technology and a new transmitter to be memorised.

2. The NFC technology and a dedicated webpage enable further information to be provided on the transmitter and on battery status.



## RECEIVER TECHNICAL SPECIFICATIONS

Code	Description	Pcs./pack
<b>OXILR</b>	Bidirectional plug-in receiver, 433.92 MHz, bidirectional, with LoRa® technology	1

	Reception frequency	Transmission frequency	Input impedance	Sensitivity	Encoding	Number of channels	Power supply	Current draw	Protection class	Dimensions Weight
<b>OXILR</b>	433.92 MHz	433.92 MHz	50 Ohm	-118 dBm	LR	4 (on "SM" plug-in connector)	5 Vdc	50 mA (max)	IP 30	49.5x18x41.9 h mm 22 g

# Technology as simple as a gesture



## Nice, easy solutions for Home and Building.

Systems for the automation and control of gates, garage doors, blinds, shutters and alarm systems, with integrated management using smart and intuitive interfaces: practical, functional and elegant solutions to help you enjoy your living spaces to the full.

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NiceLoveEarth

Nice cares for the environment.  
Using natural paper it avoids excessive use of raw materials and forest exploitation. Waste is reduced, energy is saved and climate quality is improved.

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