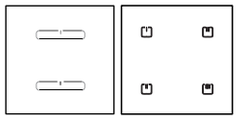
WIRELSS SWITCH

EN

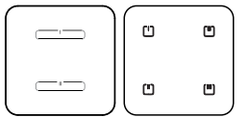
(LUXURY VERSION)

Combination of iNELS wall-mounted wireless controller and switching device for universal use. It can be used to control electrical appliances, lights, sockets, garage doors, etc.

Package



Glass touch controller - 2 buttons, SHARP RFGB-20/W, RFGB-20/B
Glass touch controller - 4 buttons, SHARP RFGB-40/W, RFGB-40/B

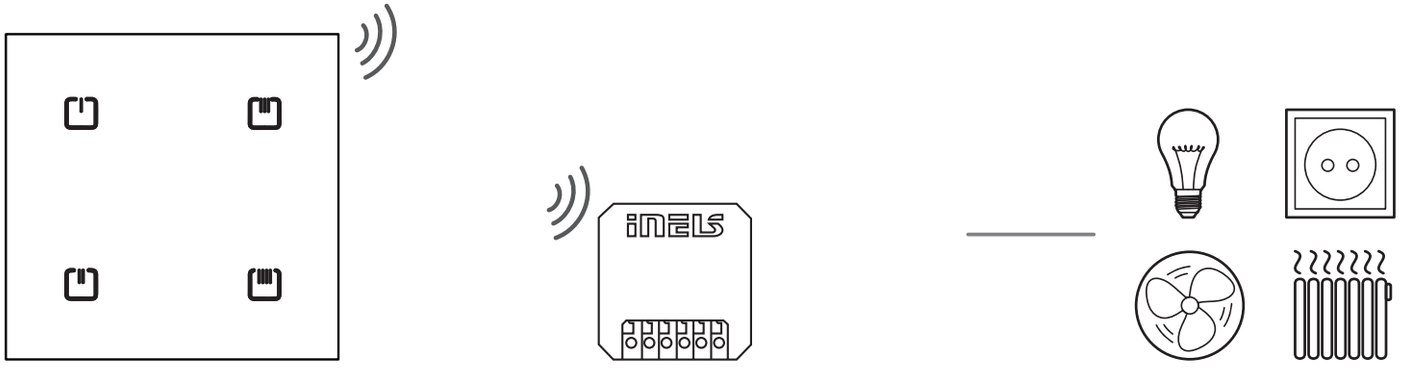


Glass touch controller - 2 buttons, ROUND RFGB-220/W, RFGB-220/B
Glass touch controller - 4 buttons, ROUND RFGB-240/W, RFGB-240/B

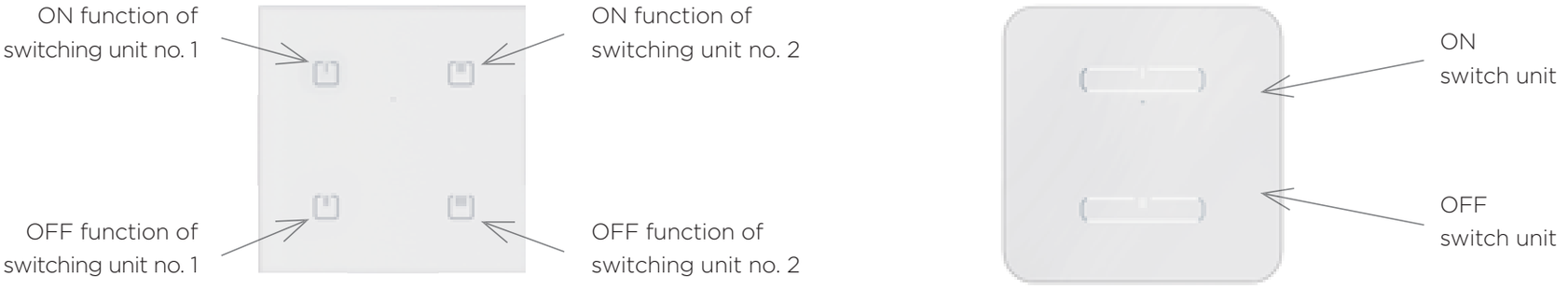
Switch unit, 1-channel RFSAI-11B-SL

EAN 8595188182928 (Glass touch controller - 4 buttons, WHITE SHARP + 1 switch unit, 1-channel)
EAN 8595188182942 (Glass touch controller - 4 buttons, WHITE ROUND + 1 switch unit, 1-channel)
EAN 8595188182959 (Glass touch controller - 4 buttons, WHITE SHARP + 2 switch units, 1-channel)
EAN 8595188182973 (Glass touch controller - 4 buttons, WHITE ROUND + 2 switch units, 1-channel)
EAN 8595188182898 (Glass touch controller - 4 buttons, BLACK SHARP + 1 switch unit, 1-channel)
EAN 8595188182935 (Glass touch controller - 4 buttons, BLACK ROUND + 1 switch unit, 1-channel)
EAN 8595188182904 (Glass touch controller - 4 buttons, BLACK SHARP + 2 switch units, 1-channel)
EAN 8595188182966 (Glass touch controller - 4 buttons, BLACK ROUND + 2 switch units, 1-channel)

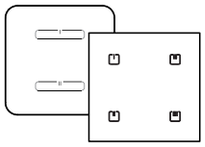
Schema



The individual **elements in the iNELS** kit are paired and their **functions are preset.**
iNELS kit wireless switch enables the basic function of controlling electrical appliances - **ON / OFF.**



The settings of the wall controllers can be changed - see. detailed manuals of iNELS elements.



Glass touch controller, SHARP / ROUND - 2,4 buttons

Detailed manual

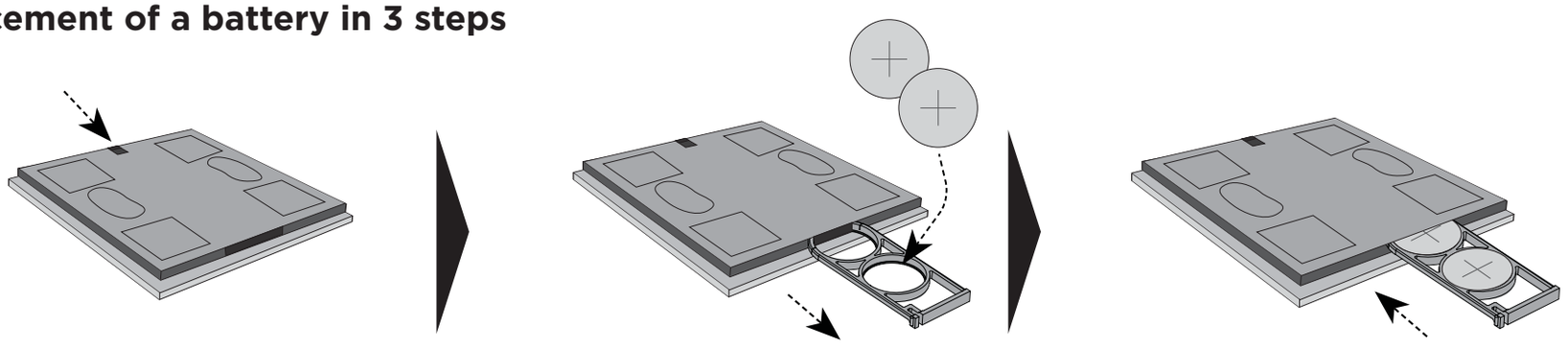
RFGB

RFGB-20/W – Glass touch controller - 2 buttons, WHITE SHARP
RFGB-220/W – Glass touch controller - 2 buttons, WHITE ROUND
RFGB-40/W – Glass touch controller - 4 buttons, WHITE SHARP
RFGB-240/W – Glass touch controller - 4 buttons, WHITE ROUND
RFGB-20/B – Glass touch controller - 2 buttons, BLACK SHARP
RFGB-220/B – Glass touch controller - 2 buttons, BLACK ROUND
RFGB-40/B – Glass touch controller - 4 buttons, BLACK SHARP
RFGB-240/B – Glass touch controller - 4 buttons, BLACK ROUND

Characteristics

- The wireless control - used to control, lights, gate, garage door, shutters, etc.
- Thickness only 8 mm.
- 2/4 capacitive buttons allows you to control 2/4 components.
- Fast installation on any surface - the rear base allows screwing to the walls, gluing with doublesided tape or just laying on the table

Replacement of a battery in 3 steps



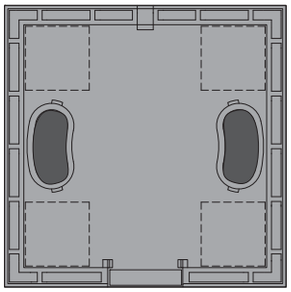
Press to open the plug-in battery holder (you can use a flat-blade screwdriver to open it)..

Insert the CR2032 battery into Battery holder. Watch out for polarity.

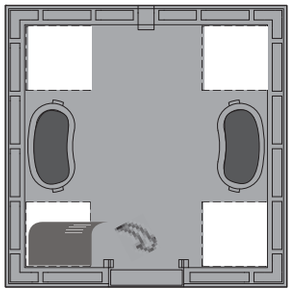
Insert the holder into the device.

Assembly

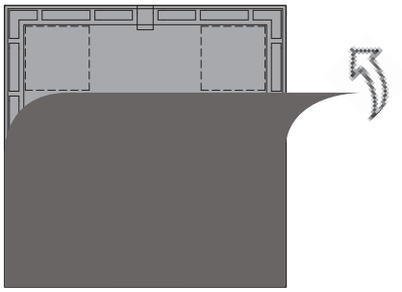
Adhesive



Peel off one protective layer on the doublesided adhesive sheets and stick them to the marked places on the controller.

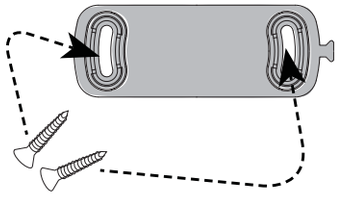


Peel off the second protective layer on the doublesided adhesive sheets and place the control in the prepared place.

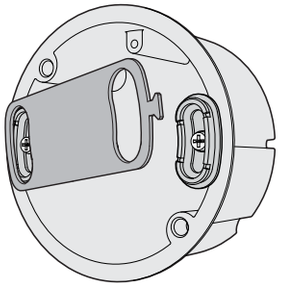


If the device is installed on glass, cover it with a cover foil

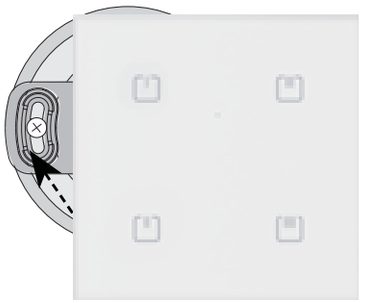
In the installation box or on the wall



Mount the snap bar on the controller into the installation box or on the wall



Place the mounting jig on the box and screw it on



Snap on the controller.

Technical parameters	**RFGB-20/RFGB-220**	**RFGB-40/RFGB-240**
Power voltage:	2x 3 V battery CR 2032	
Battery life:	about 2 years depending on the frequency of use	
Transmission indication	Red LED	
Number of capacitive buttons:	2	4
Communication Protocol:	RFIO	
Frequency:	868,5 MHz	
Signal transmission method:	one-way addressed message	
Range:	in the open up to 200 m	
Material:	Glass	
Other data		
Operating Temperature:	-10 ... +50 °C (14 ... 122 °F)	
Working Position	any	
Mounting:	adhesive, screw	
Protection	IP20	
Pollution degree:	2	
Dimension:	SHARP 94 x 94 x 8 mm (3.7“ x 3.7“x 0.3“) ROUND 100 x 100 x 8 mm (3.9“ x 3.9“ x 0.3“)	
Weight:	SHARP 107 g/ ROUND 108 g	
Related standards:	EN 60669, EN 300 220, EN 301 489, NVč. 426/2000Sb	

Switch unit, 1-channel
RFSAI-11B-SL

Detailed manual

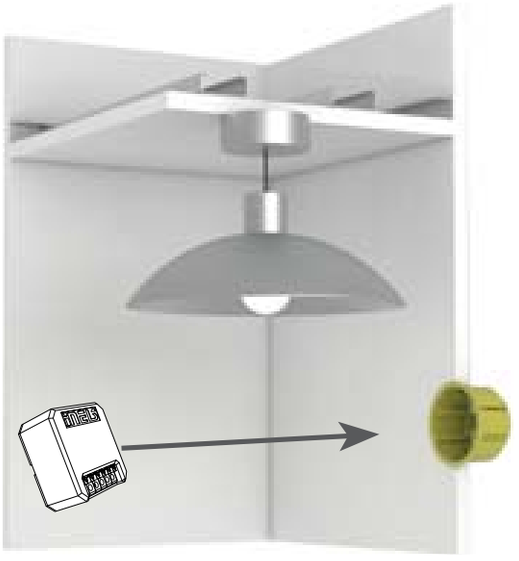
RFSAI-11B-SL

Characteristics

- The switching unit with 1 output channel is used to control appliances, lights, etc.
- (easy to integrate it to control garage doors or gates).
- They can be combined with detectors, controllers, iNELS RF Control or system components.
- The BOX design lets you mount it right in an installation box, a ceiling or a controlled appliance cover.
- The switched load up to 8A (2.000 W).
- Single-function design - switch on/off .
- The output on the switching unit can be controlled by up to 25 channels (1 channel represents one button on the controller).
- The programming button on the unit is also used for manual control of the output.
- Memory status can be pre-set in the event of a power failure.
- For components labeled as iNELS RF Control2 (RFIO2), it is possible to set the repeater function via the RFAF/USB service device.
- Communication frequency with bidirectional protocol iNELS RF Control^2 (RFIO^2).

Installation options

In to the installation box



into the ceiling light cover

under ceiling mounted

Technical parameters **RFSAI-11B-SL**

Supply voltage:	230 V AC
Supply voltage frequency:	50-60 Hz
Power apparent / dissipated:	7 VA / cos φ = 0.1 / 0.7 W
Output:	
Number of contacts:	1x switching contacts (AgSnO2)
Rated current: / switching power	8 A / AC1 / 2000 VA
Peak current:	10 A / <3 s
Max. switching voltage:	250 V AC1
Communation:	
Manual:	button PROG (ON/OFF)
Frequency:	868.5 MHz
Other data:	
Operating temperature:	-15 ... + 50 °C (5 ... 122 °F)
Mounting:	free at lead-in wires
Protection:	IP40
Overvoltage category:	III.
Dimensions:	43 x 44 x 22 mm (1.9“ x 1.97“ x 0.8“)
Weight:	31 g
Related standards:	EN 60730, EN 63044, EN 300 220, EN 301 489

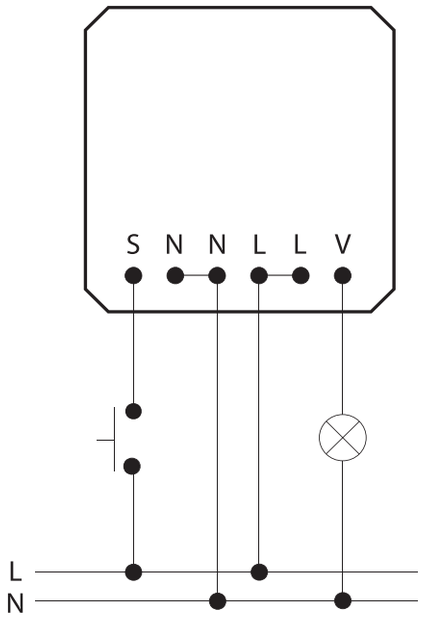
Compatibility

The device can be combined with devices of iNELS RF Control2 with RFIO2 protocol.

Connection

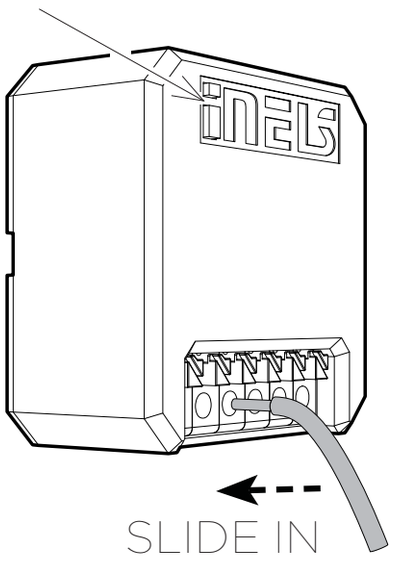
RFSAI-11B-SL

S - external input
N - neutral wire
L - phase wire
V - output



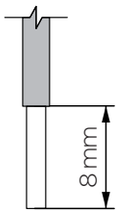
The screw-less terminal

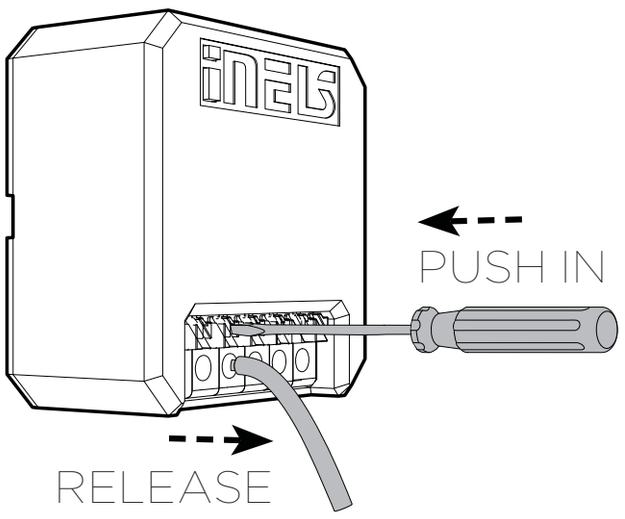
i - programing button
- manual controll
- output status indication



Solid conductor

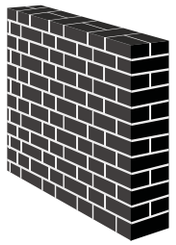
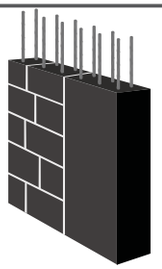
20~16 AWG
0.2 ~1.5 mm²

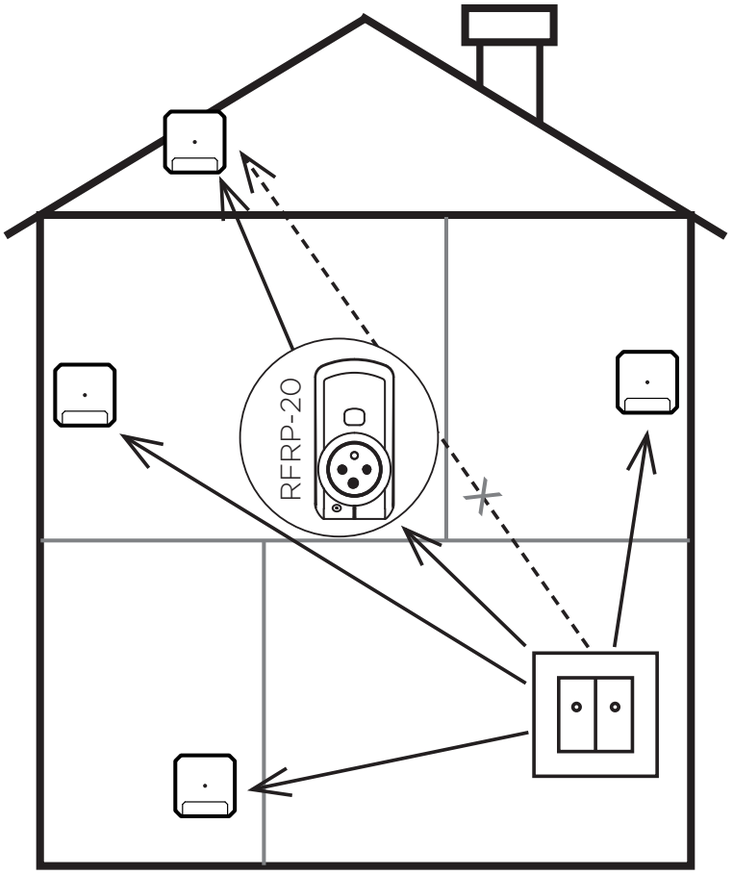




Radiofrequency signal penetration through various construction materials

Range up to 200 m in open space, if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO2 that supports this feature.

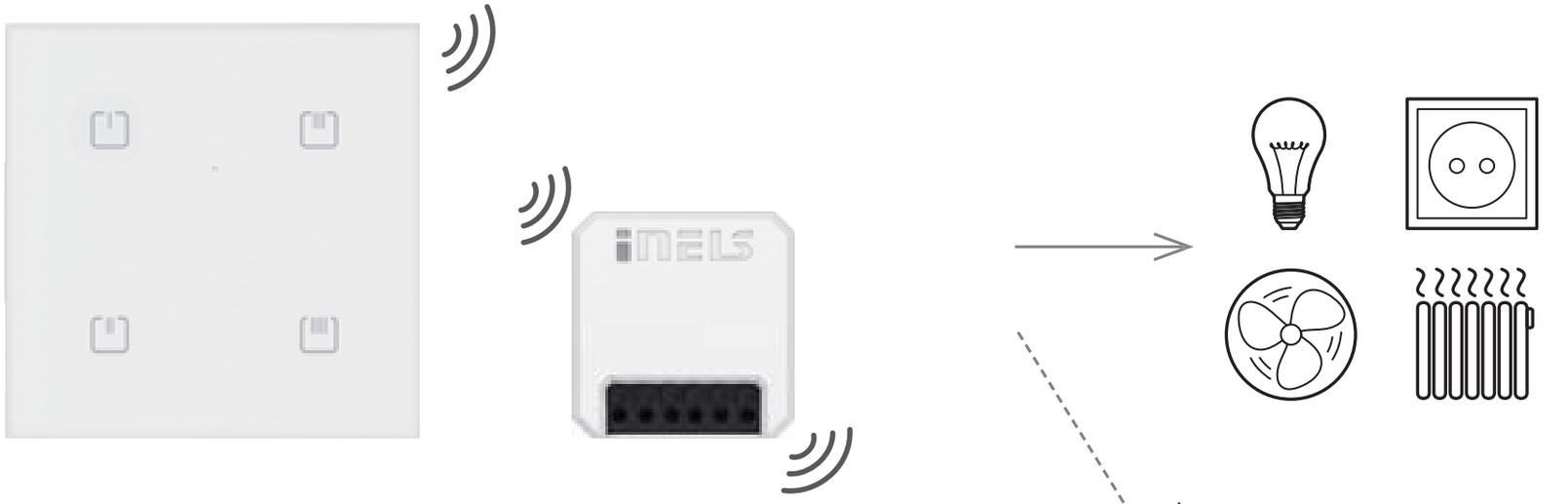
				
60 - 90 %	80 - 95 %	20 - 60 %	0 - 10 %	80- 90 %
brick walls	wooden structures with plaster boards	reinforced concrete	metal partitions	common glass



Warning

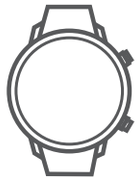
Instruction manual is designated for mounting and also for the usage of the device. It is always a part of its packing. Installation and connection can be carried out only by a person with adequate professional qualification with understanding this instruction manual and functions of the device, and while observing all valid regulations. Trouble-free function of the device also depends on transportation, storing and handling. In case you notice any sign of damage, deformation, malfunction or missing part, do not install this device and return it to its seller. It is necessary to treat this product and its parts as electronic waste after its lifetime is terminated. Before starting installation, make sure that all wires, connected parts or terminals are de-energized. While mounting and servicing observe safety regulations, norms, directives and professional, and export regulations for working with electrical devices. Do not touch parts of the device that are energized – life threat. Due to transmissivity of RF signal, observe correct location of RF components in a building where the installation is taking place. RF Control is designated only for mounting in interiors. Devices are not designated for installation into exteriors and humid spaces. The must not be installed into metal switchboards and into plastic switchboards with metal door – transmissivity of RF signal is then impossible. RF Control is not recommended for pulleys etc. – radio-frequency signal can be shielded by an obstruction, interfered, battery of the transceiver can get flat etc. and thus disable remote control.

Notes



iNELS radio

A smart RF gateway is required for control via the iNELS application.



Smart watch

Wi-Fi

Download on the App Store

GET IT ON Google Play

Smart RF gateway

Designed & Manufactured by:

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