



Technical parameters		RF Touch-B	RF Touch-W
Display			
Type:		color TFT LCD	
Resolution:		320 x 240 pixels / 262,144 colors	
Side proportion :		3:4	
Visible surface:		52.5 x 70 mm	
Backlighting:		active (white LED)	
Touch area:		resistive 4-conductor	
Diagonal:		3.5"	
Control:		touch	
Power supply			
Supply voltage/rated current:		100 - 230 V AC	from the back 100 - 230 V AC, from the side 12 V DC*
Input power:		max. 5W	
Power supply terminals:		A1 - A2	
Control			
Range:		100 m	
Min. distance RF Touch - Actuator:		1m	
Frequency:		866 MHz, 868 MHz, 916 MHz	
Connection			
Connection:		terminal box	no-screw push-in terminal box or jack Ø 2.1 mm jack connector
Cross-section of connecting wires:		max. 2.5 mm ² /1.5 mm ² with a hollow	
Operating conditions			
Operating temperature:		0 to +50°C	
Storage temperature:		- 20 to +70°C	
Protection:		IP 20	
Overvoltage category:		III.	
Contamination degree:		2	
Operating position:		any	
Installation:		an installation box	anywhere indoor
Dimensions:		94 x 94 x 36 mm	94 x 94 x 24 mm
Weight:**		127 g	175 g
Related standards:		EN 60730-1	

* Adapter is included in the RF Touch-W unit package.
** Weight includes the plastic frame and the intermediate frame.

- The wireless touch unit RF Touch is a central controller for heating, switching electrical appliances and equipment, dimming lights, controlling blinds, etc.
- It transmits and receives commands from units and processes set programs for automatic control.
- Thanks to bi-directional communication, it visualizes the current status of individual units.
- Automatic control based on weekly program.
- Touch 3.5" color display.
- It is possible to combine up to 40 units of iNELS RF Control + 30 Oasis detectors (you can gradually expand the installation from 1 unit).
- Power to the touch unit is in the range 100-230 V AC, (RF Touch/W also supplied via adapter 12 V DC (included in the supply).
- RF Touch/W: wall mounting, secured in an installation box or glued to glass, wood, dry wall, etc.
- RF Touch/B: mounting of unit in installation box.
- Range up to 100 m (in open space), if the signal is insufficient between the RF Touch and unit, use the signal repeater RFRP-20 or protocol component RFIO² that support this feature.
- Communication frequency with bidirectional protocol iNELS RF Control.
- Color design of RF Touch:
 - frames: in basic plastic design (white, black, red) or in the luxury design LOGUS⁹⁰ - glass, metal (aluminum, nickel, titanium).
 - intermediate frames: in basic white and dark gray with metallic coat - aluminum, pearl, ice and gray.
 - rear cover: in white, ivory, light gray and dark gray
- You can choose your own color combination at e-shop ELKO EP.

In 2011, the RF Touch wireless unit won the prize GOLDEN AMP.

- Colour combination of your choice, you can choose at the ELKO EP e-shop.



black / white



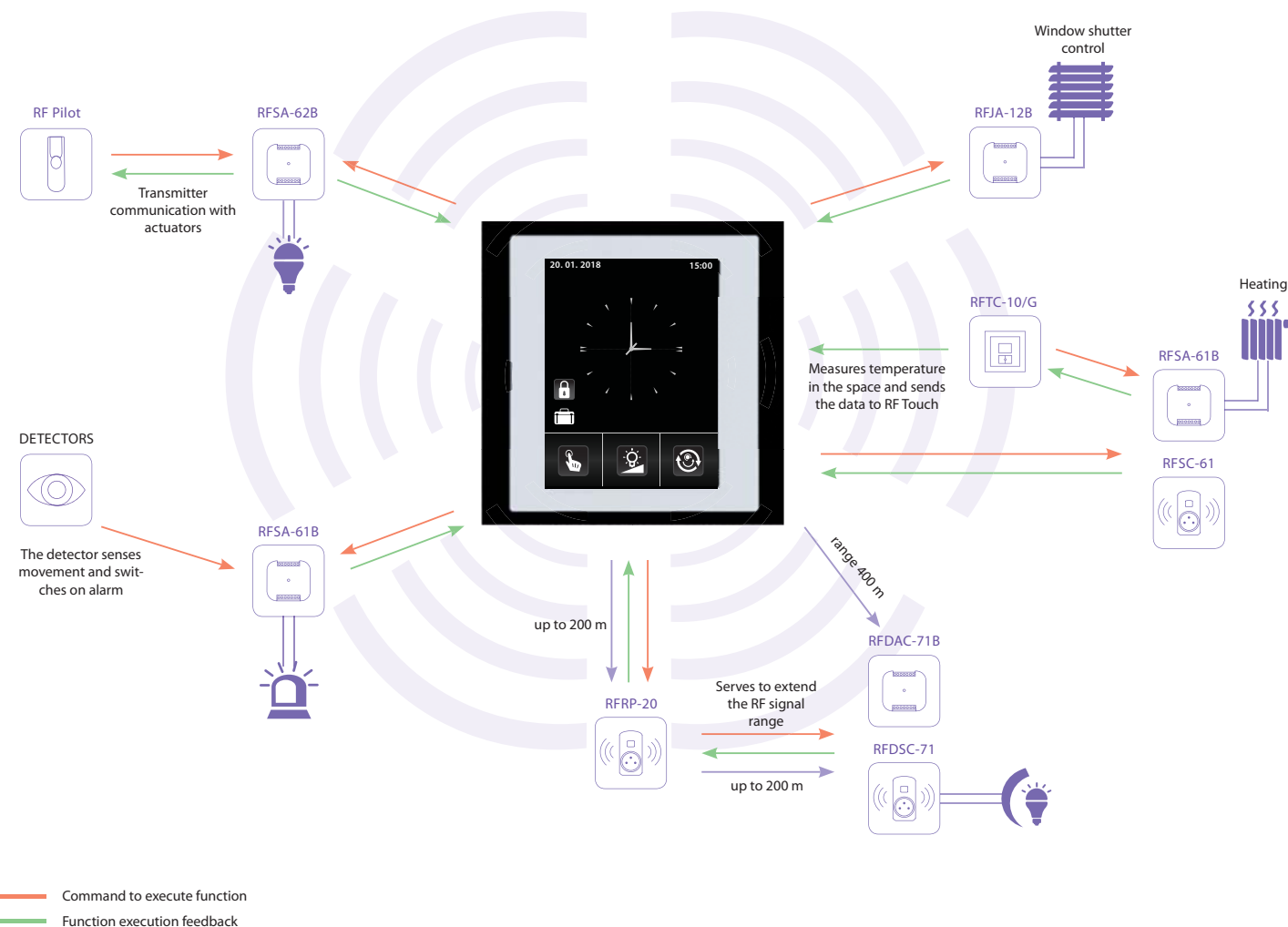
white / pearly

glass / grey

red / aluminum

aluminum / dark grey

titanium / ice



— Command to execute function
— Function execution feedback

HEATING

- control of heating devices (boilers, thermo valve 0-10 V...)
- temperature regulation in the entire house or in individual rooms
- information about outdoor temperature (wireless temperature sensor) - terraces
- possibility to set your own heating program for the whole week
- holiday mode will interrupt the heating program when you are on holiday
- room temperature correction (during the heating program) is performed with a digital thermal regulator command

DIMMING

- the regulation of light intensity (light bulbs, LED bulbs, LED strips, halogen lights with electrical or coil transformer, fluorescent tubes with dimmable control gear 1-10 V)
- customizable names of individual dimmed circuits (such as "living room lights")
- "sunrise/sunset" imitation - light gradually goes on or off during the preset period between 2 seconds and 30 minutes

DETECTORS

- RF Touch communicates with detectors - window, door, movement...
- possible to combine with switching actuators
- clear control over the entire house

SWITCHING

- this function serves to switch on/off lights, sockets, electrical appliances and devices
- intuitive control thanks to customized name options
- switch clock enabling you to switch appliances in real time, even during your absence (simulation of the presence of persons, etc.)
- switching actuator function selections: switch on/off, impulse relay, button, delayed ON/OFF (time of delay from 2 seconds to 60 minutes)

WINDOW SHUTTERS

- controlling window shutters, sunblinds, blinds, garage door, etc.
- window shutters are controlled separately or as a group
- setting an independent time schedule for pulling up/down
- the window shutter receivers are powered by either 230 V or 24 V DC (shutters between windows, etc.)

QUICK CONTROL

- serves to control group of actuators with a single touch
- possibility to set up scenes; on activation, for example, window shutters are pulled down and lights are adjusted to required intensity