RF Touch- B   **RF Touch-W**

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 mm²/1.5 mm² 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.
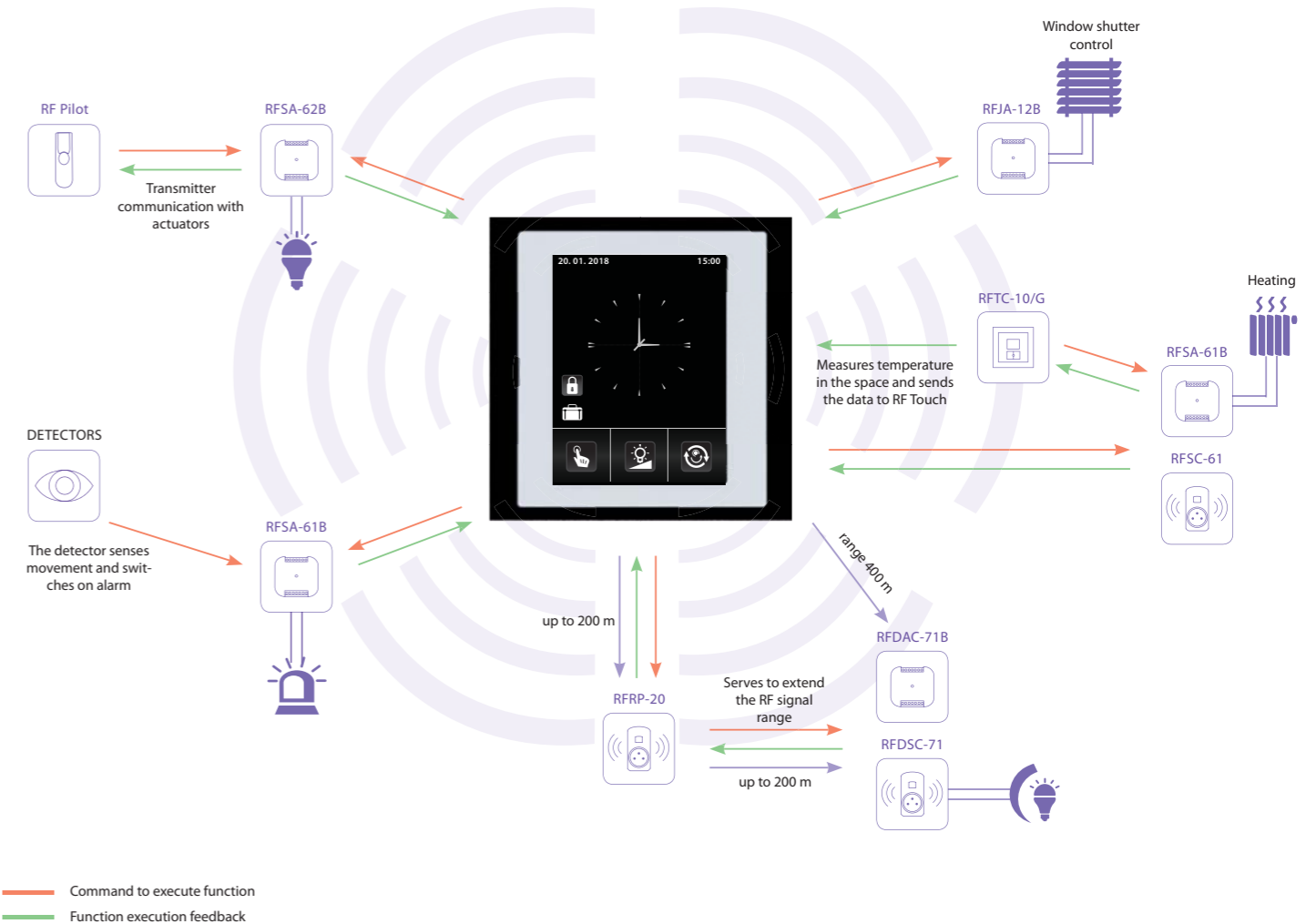** Weight includes the plastic frame and the intermediate frame.

• 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

chrome / grey

white / pearly

glass / grey

red / aluminum

aluminum / dark grey

titanium / ice

Window shutter control
RF Pilot
RFSA-62B
RFJA-12B
Transmitter communication with actuators
Heating
RFTC-10/G
RFSA-61B
Measures temperature in the space and sends the data to RF Touch
DETECTORS
RFSC-61
The detector senses movement and switches on alarm
RFSA-61B
range 400 m
up to 200 m
RFDAC-71B
RFRP-20
Serves to extend the RF signal range
RFDSC-71
up to 200 m

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