



**EAN code**

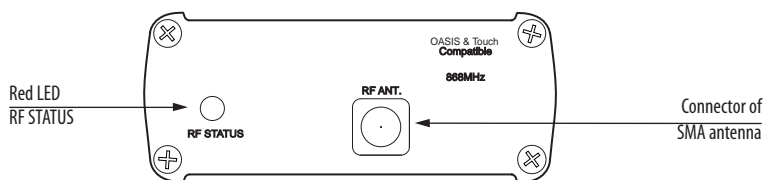
eLAN-RF-003: 8595188146845  
 eLAN-RF-Wi-003: 8595188148726  
 External antenna AN-E: 859415759012  
 Internal antenna AN-I: 8595188161862

- the device is used to control lights, blinds, heating ... with your smart phone or tablet
- connection of devices is done through (Figure 1):
  - eLAN-RF-003: wired Ethernet access where router is necessary
  - eLAN-RF-Wi-003: wired Ethernet access or wireless access using Wi-Fi network - the smart phone or tablet is sufficient to control
- controlling possibilities are:
  - Web Browser
  - iHC-MARF Application for smartphones (Android)
  - iHC-TARF Application for tablets (Android)
- they are also used in a network, when you have a problem to transfer the wireless signal between the ceilings of the house (which are mostly made from reinforced concrete). Here we use two wireless routers or an Ethernet cable connection
- the device communicates with the actuators in both directions, for example, in sending the command, it indicates green or red frame icon to perform actions
- the product has the function of repeater = signal repeater
- eLAN can also be used to control actuators via RF INELS Multimedia
- programming eLAN-RF-003A eLAN-RF-Wi-003 is done through:
  1. eLAN configurator software (included) and subsequently through a web interface
  2. For applications iHC .. directly to your smartphone or tablet
- an internal antenna is included, an optional external antenna is labeled with AN-E (More information on p. 50)

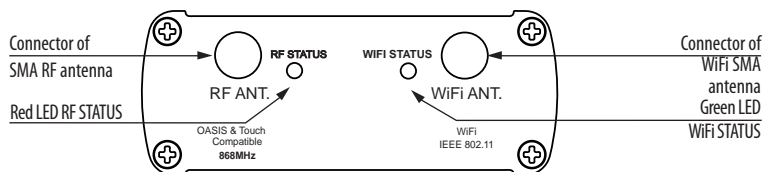
Technical parameters	eLAN-RF-003	eLAN-RF-Wi-003
<b>Interface RF Control</b>		
Communication protocol:	OASIS & RF Touch Compatible	
Broadcasting frequency	868 MHz	
Signal transfer method:	two-way addressed message	
Output for antenna:	SMA connector	
Antenna RF:	1 dB (part of supply)	
Indications RF communications:	1 x red RF com. LED	
Range in free space:	up to 100m	
<b>Interface Ethernet</b>		
ETH operating status indicator:	green LED	
ETH communication indicator:	yellow LED	
Communications interface:	100 Mbps (RJ45)	
Preset IP address:	192.168.1.1	
<b>Interface WiFi</b>		
Frequency range WiFi:	x	2.405-2.480 Hz
Standard:	x	IEEE 802.11 b/g/n
WiFi Security:	x	WEP, WPA-PSK, WPA2-PSK
Certification:	x	United States (FCC), Canada(IC), Europe(ETSI), Japan(ARIB)
Communication interface:	x	1 Mb/sec
Output WiFi antenna:	x	R-SMA
Antenna WiFi:	x	1 dB (part of supply)
Indications WiFi communication:	x	1 x green WiFi status LED
Range:	x	200 m
Supply voltage/current:	10-27V DC / 200 mA SELV	
Power:	adapter with connector Jack Ø2.1 mm (part of supply) or connector USB-B	
Supply voltage indication:	green LED POWER	
Power source:	230 VAC / 12V DC part of supply of device	
Operating temperature:	-20 to +50 °C	
Storage temperature:	-25 to +70 °C	
Protection:	IP20	
Contamination degree:	2	
Working position:	any	
Design:	installation box	
Dimensions:	90 x 52 x 65 mm	
Weight:	136 g	

**Device description**

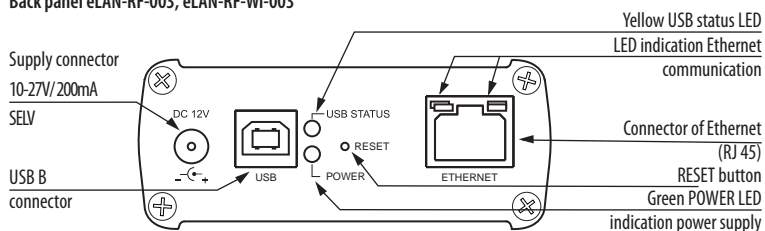
**Front panel eLAN-RF-003**



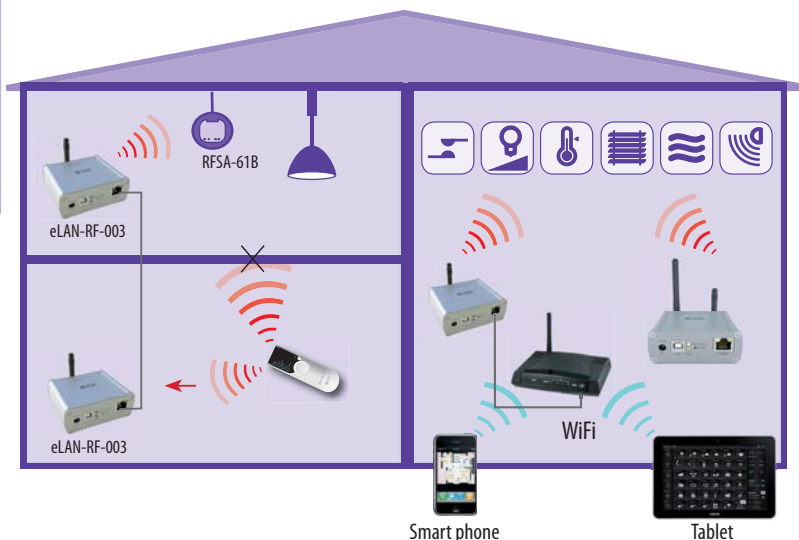
**Front panel eLAN-RF-Wi-003**



**Back panel eLAN-RF-003, eLAN-RF-Wi-003**



**Example of usage**

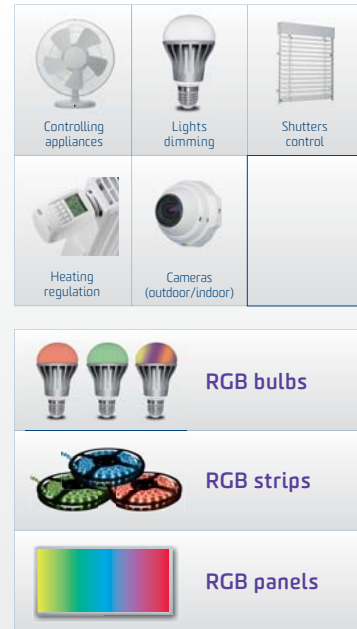


**iNELS RF Control application (wireless electro-installation)**

Android | iOS | Samsung Smart TV

Tablet | Smart phone | iPad | iPhone | Smart TV

iHC-TARF | iHC-MARF | iHC-TIRF | iHC-MIRF | iHC-TVC



PROMO application is free to download (iNELS Home Control RF Promo)

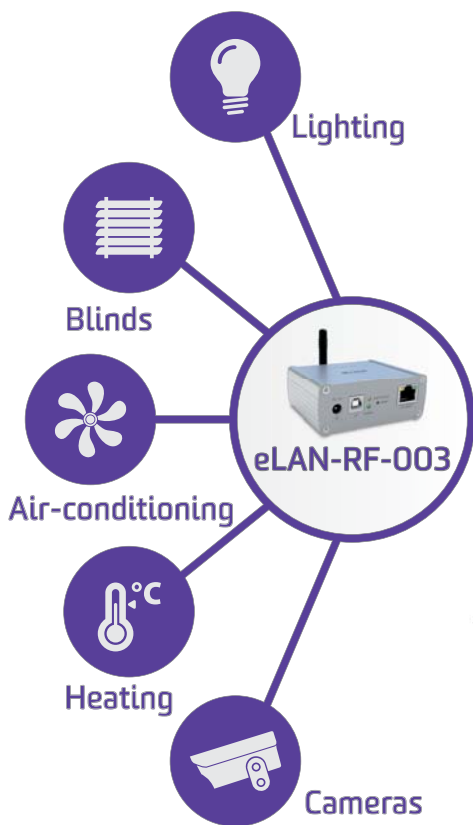


**Technical parameters**

iHC-MARF/MIRF (smart phones):	optimized for devices with screen resolution of 800x480
iHC-TARF/TIRF (tablets):	optimized for devices with screen resolution of 1024x600 or 1280x800
iHC application language:	according to the language settings, whether in the mobile phone, tablet or smart phone and according to the settings of Android operating system or iOS

- iNELS Home Control application can control lighting, blinds, heating (also weekly program) through your smart phone or tablet, or you can create scenes to match the atmosphere
- used to control the installed iNELS RF Control system
- designed for Android operating system 2.4 and higher, and for iOS
- iNELS Home control application communicates with:
  - smart box eLAN-RF-003 through wireless mobile connection to home Ethernet network
  - smart box eLAN-RF-Wi-003 through integrated Wi-Fi module, not necessary to use router

Applications for smart TV



- iHC-TVC
- iNELS Home Control application enables you to control your lighting, home appliances and garage door through smart TV SAMSUNG
  - steps to easy installation:
    - select actuators from iNELS RF Control (if you don't have them yet) to control home appliances, lighting, blinds...
    - get one of the smart boxes eLAN-RF and connect it to the router
    - install an application to Samsung SMART TV - iHC-TVC
    - create lighting scenes and all can be controlled using your SAMSUNG TV remote controller of TV Samsung
  - intended only for Samsung SMART TV
  - for download: [www.samsung.com/cz/experience/tv/smarttv/aplikace.html](http://www.samsung.com/cz/experience/tv/smarttv/aplikace.html)