Product
cards

FIBARO

FIBARO | Home Center 3

Model: FGHC3

Home Center 3 is the most advanced smart home management unit in the world. Advanced technology within its components guarantees the highest stability and performance of the FIBARO System. Z-Wave 5 technology brings an exceptional number of hundreds of integrations with other brands products, which you can use while controlling electronics and household appliances, lighting, blinds, HVAC, alarm, monitoring or watering system - with just a single button, gesture or word.
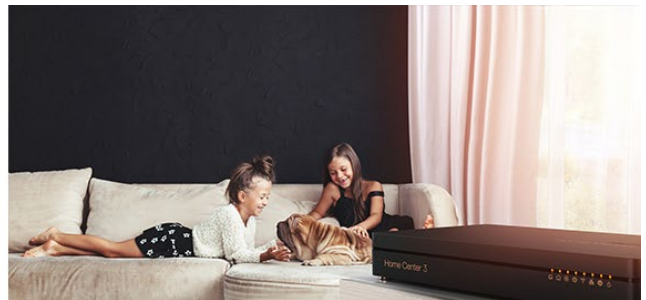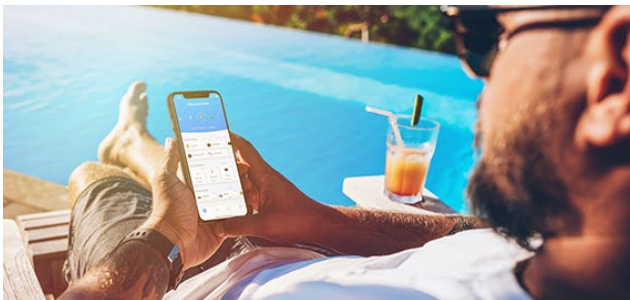
PRODUCT HIGHLIGHTS

- Cutting-edge speed & stability,
- 4x1,2GHz processor, 2 GB RAM of memory,
- Seamless integration with over 2000 third-party products operating in various technologies,
- Fast configuration process,
- Simple and complex automations, like: Block Scenes, LUA events, Quick Apps,
- Unquestionable, triple data security system,
- Future-proof - lasts for years, maintaining top performance,
- Ingenious and refined design.

FIBARO | Home Center 3

TECHNICAL DATA

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Processor	Quad-core Arm Cortex A53 (1.2GHz)
Operating memory	RAM 2GB LPDDR3
Hard drive	8GB eMMC
USB	1 (2.0)
Power supply	12V DC (adapter included)
Network interface	10/100 (Base-T) Ethernet via RJ45 connector
Operating temperature	0 – 40°C
EU standards compliance	RED 2014/53/EU, RoHS 2011/65/EU
Radio protocol	Z-Wave (500 series)
Wi-Fi protocol	802.11 b/g/n/a/ac
Radio frequency	868.0-868.6MHz, 869.7-870.0MHz
Wi-Fi frequency	2400-2483MHz, 5150-5250MHz
Operating humidity	max. 75% relative humidity (non-condensing)
Power connector	barrel connector 5.5mm x 2.5mm (female)
Dimensions	220 x 140 x 35mm

UNIT PACKAGE

Weight	1.1 kg
Length	27.0 cm
Width	18.7 cm
Height	10.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	12.2 kg
Length	53.6 cm
Width	39.2 cm
Height	31.1 cm
Pieces	10

FIBARO | Home Center 3 Lite

Model: HC3L-001

Home Center 3 is Lite and smaller version of the most advanced smart home management unit in the world. The device has been designed based on the solutions used in the Home Center 3 platform. This central unit can be connected with other Z-Wave devices which you can use while controlling electronics and household appliances, lighting, blinds, HVAC, alarm or watering system - with just a single button, gesture or word. Home Center 3 Lite is recommended for flats and smaller smart home installations.
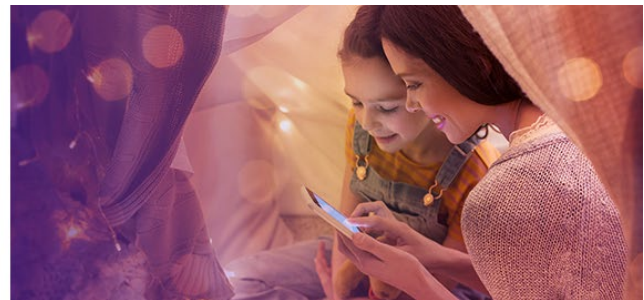
PRODUCT HIGHLIGHTS

- ⊘ Wireless communication using the Z-Wave 700 technology
- ⊘ Efficient hardware architecture
- ⊘ A solution designed for smaller building automation systems
- ⊘ Quick setup
- ⊘ Possibility to create automation - block scenes and LUA
- ⊘ Highest data security
- ⊘ Subtle design

FIBARO | Home Center 3 Lite

TECHNICAL DATA

Processor	Single-Core ARM Cortex A7 900Mhz
Operating memory	512 MB DDR3L
Hard drive	4 GB eMMC Flash
USB	1 (2.0)
Power supply	5V DC, maks. 1A (power supply included)
Network interface	WiFi
Operating temperature	0 – 40°C
EU standards compliance	RED 2014/53/EU RoHS 2011/65/EU, 2015/863 IEC 62368-1:2014
Radio protocol	Z-Wave (700 series)
Wi-Fi protocol	802.11 b/g/n
Radio frequency	868.0-868.6 MHz, 869.7-870.0 MHz
Wi-Fi frequency	2400.0-2483.5 MHz
Operating humidity	max. 75% relative humidity (non-condensing)
Power connector	USB micro B
Dimensions	178 x 110 x 31mm
Limits	Recommended up to 40 Z-Wave devices Up to 20 scenes 1 MJPG IP camera 5 plugins and 10 quick apps

UNIT PACKAGE

Weight	0,4 kg
Length	20.3 cm
Width	13.0 cm
Height	8 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	15 kg
Length	60 cm
Width	42 cm
Height	27.5 cm
Pieces	28

FIBARO | Yubii Home

Model: YH-001

Yubii Home is the management unit of the FIBARO smart home and products included in the Yubii ecosystem of the NICE group. The device has been designed on the Home Center 3 and Home Center 3 Lite platforms and extended with the possibility of connecting with products communicating wirelessly in the NICE group protocols.

This central unit can be connected with other Z-Wave devices which you can use while controlling electronics and household appliances, lighting, blinds, HVAC, alarm or watering system - with just a single button, gesture or word. Thanks to the expansion of the Yubii ecosystem, it is also possible to control entrance and garage gates, blinds and other accessories. The product is recommended for apartments and smaller home building automation installations.

PRODUCT HIGHLIGHTS

- ⊘ Wireless communication using the Z-Wave 700 technology
- ⊘ Ability to control NICE group devices supporting 868MHz and 433MHz communication
- ⊘ Efficient hardware architecture
- ⊘ A solution designed for smaller building automation systems
- ⊘ Quick setup
- ⊘ Possibility to create automation - block scenes and LUA
- ⊘ Highest data security
- ⊘ Subtle design

FIBARO | Yubii Home

TECHNICAL DATA

Processor	Single-Core ARM Cortex A7 900Mhz
Operating memory	512 MB DDR3L
Hard drive	4 GB eMMC Flash
USB	1 (2.0)
Power supply	5V DC, maks. 1A (power supply included)
Network interface	WiFi
Operating temperature	0 – 40°C
EU standards compliance	RED 2014/53/EU RoHS 2011/65/EU, 2015/863 IEC 62368-1:2014
Radio protocol	Z-Wave (700 series) Nice
Wi-Fi protocol	802.11 b/g/n
Radio frequency	868.0-868.6 MHz, 869.7-870.0 MHz Nice 433 MHz
Wi-Fi frequency	2400.0-2483.5 MHz
Operating humidity	max. 75% relative humidity (non-condensing)
Power connector	USB micro B
Dimensions	178 x 110 x 31mm
Limits	Recommended up to 40 Z-Wave devices Up to 20 scenes 1 MJPG IP camera 5 plugins and 10 quick apps

UNIT PACKAGE

Weight	0,4 kg
Length	20.3 cm
Width	13.0 cm
Height	8 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	15 kg
Length	60 cm
Width	42 cm
Height	27.5 cm
Pieces	28

FIBARO | Home Center 2

Model: FGHC2

FIBARO Home Center 2 is the hub unit of high computing power used to manage your FIBARO Home Automation System. HC2 communicates with actors and sensors using wireless communication protocol named Z-Wave. With FIBARO Home Center 2 your FIBARO system will be powerful.

PRODUCT HIGHLIGHTS

- ⊘ Extremely efficient hardware architecture,
- ⊘ Low energy consumption,
- ⊘ Remote access via web page or mobile app,
- ⊘ Simple, user-friendly interface,
- ⊘ Three types of scenes – Magic, Block and Lua scenes to benefit the most from your FIBARO System,
- ⊘ Fast and simple configuration,
- ⊘ Works with Lua and string-based virtual devices,
- ⊘ Conditioning scenes depending on weather, state of devices or other, user-defined variables,
- ⊘ Advanced recovery system,
- ⊘ Accessible and easy to manage heating panel,
- ⊘ History of events,
- ⊘ Cloud-based system backup.

FIBARO | Home Center 2

TECHNICAL DATA

Processor	Intel Atom Dual Core (1.6 GHz)
Case	Cast Alloy
Operating memory	1 GB DDR RAM
Hard drive	2 GB SLC and 4GB MLC Recovery Disc
Power supply	12 VDC (included)
Network interface	10/100/1000 Base-T (Gigabit) Ethernet via RJ45 connector
Operating temperature	10 – 40°C
EU standards compliance	RED 2014/53/EU, RoHS 2011/65/EU
Radio protocol	Z-Wave
Radio frequency	868.4, 868.42 or 869.8 MHz EU 908.4, 908.42 or 916.0 MHz US 921.4, 921.42 or 919.8 MHz ANZ 869.0 or 869.02 MHz RU
Range	up to 30m (98 ft) (Depending on building structure)
Dimensions	225 x 185 x 44mm

UNIT PACKAGE

|	
Weight	2.2 kg
Length	29.5 cm
Width	27 cm
Height	8 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	22 kg
Length	60 cm
Width	43 cm
Height	29 cm
Pieces	10

FIBARO | Swipe

Model: FGGC-001 ZW5

FIBARO Swipe is a revolutionary, battery-powered gesture control pad that allows you to control devices through the Z-Wave network. Swipe your hand up, down, left or right in front of the pad, make circular gestures and use sequences of gestures to get full and intuitive control of your smart home. Installed device perfectly matches your interior design, as it resembles a picture frame. Gesture controlled menu allows to add, remove or reset the device without dismantling it. The device is equipped with a buzzer that confirms performed gestures and other actions.
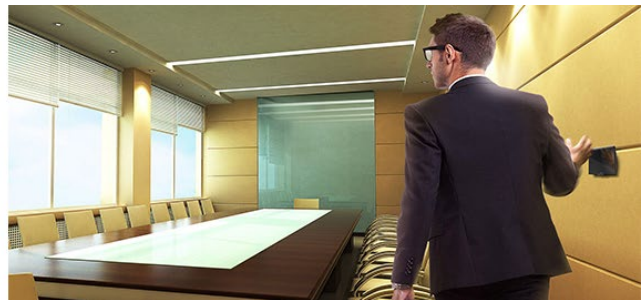
PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers.
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption.
- ⊘ Allows for contactless gesture detection.
- ⊘ Battery or VDC powered. When connected to an external VDC power source the battery serves as an emergency power source.
- ⊘ Gestures and actions are confirmed by the buzzer and can be indicated additionally by the built-in LED diode.
- ⊘ Gesture controlled menu allows to operate the device without dismantling it.

FIBARO | Swipe

TECHNICAL DATA

Power supply	Batteries and/or 5V DC power supply (batteries included)
DC supply connector	Micro-USB
Battery type	4 x 1.5V AA
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4, 868.42 or 869.8 MHz EU 908.4, 908.42 or 916.0 MHz US 921.4, 921.42 or 919.8 MHz ANZ 869.0 or 869.02 MHz RU
Range	up to 40m (131 ft) (Depending on building structure)
Dimensions	178 x 130 x 29 mm

UNIT PACKAGE

|	
Weight	0.73 kg
Length	18.7 cm
Width	13.9 cm
Height	9.7 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	18 kg
Length	60 cm
Width	43 cm
Height	29 cm
Pieces	24

FIBARO | Dimmer 2

Model: FGD-212 ZW5

Radio controlled light dimming module, designed to work with various types of light sources. May be connected to two-wire or three-wire configuration. FIBARO Dimmer 2 can switch or dim connected light source either through radio waves or through the wall switch connected directly to it. New FIBARO Dimmer 2 is equipped with an algorithm of smart light source detection which makes configuration easier and ensures high compatibility of the device. It features automatic overload protection switch-off and soft start function.
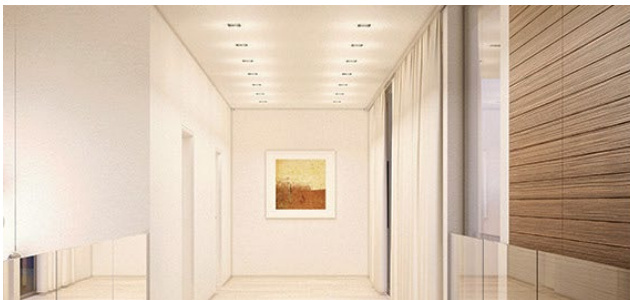
AS A DIMMER IT OPERATES UNDER THE FOLLOWING LOADS:

- ⊘ 230V operated conventional incandescent and halogen light sources
- ⊘ 12V operated ELV halogen lamps and dimmable LED bulbs (with electronic transformers)
- ⊘ 12V operated MLV halogen lamps (with ferromagnetic transformers)
- ⊘ dimmable LED bulbs
- ⊘ dimmable compact fluorescent CFL tube lamps
- ⊘ supported dimmable light sources (power factor > 0.5) with minimal power of 5VA using FIBARO Bypass 2 (depending on the type of load)

WITHOUT DIMMING FUNCTION IT MAY WORK WITH:

- ⊘ compact fluorescent CFL tube lamps with electronic ballast
- ⊘ fluorescent tube lamps with electronic ballast
- ⊘ LED bulbs (power factor > 0.7)
- ⊘ supported light sources (power factor > 0.5) with minimal power of 5VA using FIBARO Bypass 2 (depending on the type of load)

FIBARO | Dimmer 2

TECHNICAL DATA

Power source	220-240V~ 50Hz
Output power	50-250W (resistive load)
Power consumption	up to 1.3W
Ambient temperature	0°C - 35°C
For installation in boxes	Ø >= 50mm, depth >= 60mm
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.42 MHz or 869.85 MHz EU 908.4 MHz or 916 MHz US 921.4 MHz or 919.8 MHz ANZ 869 MHz RU
Range	up to 40m (131 ft) (depending on building structure)
Compliant with EU directives	RoHS 2011/65/EU RED 2014/53/EU
Outside dimensions (L x W x H)	42.5 x 38.25 x 20.3mm

ECO PACKAGING / NEW

UNIT PACKAGE

Weight	0.045 kg
Length	6.5 cm
Width	6.5 cm
Height	3.0 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2.4 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	45

PAST PACKAGING / NON-ECO

UNIT PACKAGE

Weight	0.061 kg
Length	6.5 cm
Width	6.6 cm
Height	4.6 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	30

Model: FGR-223 ZW5

FIBARO Roller Shutter 3 is a device designed to control roller blinds, awnings, venetian blinds, gates and other single phase, AC powered devices. Roller Shutter 3 allows for precise positioning of roller blinds or venetian blind lamellas. The device is equipped with power and energy monitoring. It allows to control connected devices either via the Z-Wave network or via a switch connected directly to it.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers,
- ⊘ Supports Z-Wave network Security Modes: S0 with AES-128 encryption and S2
- ⊘ Authenticated with PRNG-based encryption,
- ⊘ To be installed with roller blind motors with electronic or mechanical limit switches,
- ⊘ Advanced microprocessor control,
- ⊘ Active power and energy metering functionality,
- ⊘ Works with various types of switches – momentary, toggle and dedicated roller blind switches,
- ⊘ To be installed in wall switch boxes.

FIBARO | Roller Shutter 3

TECHNICAL DATA

Power Source	100-240V~50/60Hz
Rated load current	4.2A for lamps and resistive loads 1.7A for motors with compensated power factor (inductive loads)
Supported motor type	single-phase AC motors
Required limit switches	electronic and mechanic
Power consumption	up to 0.8W
Operating temperature	0°C - 35°C
Active element	micro-gap relay switch μ
For installation in boxes	Ø >= 50mm, depth >= 60mm
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.8 MHz EU 908.4, 908.42 or 916.0 MHz US 921.4 or 919.8 MHz ANZ 869.0 MHz RU
Range	up to 40m (131 ft) (depending on building structure)
Outside dimmensions (L x W x H)	42.5mm x 38.25mm x 20.3mm
Compliance with EU directives	RoHS 2011/65/EU RED 2014/53/EU

ECO PACKAGING / NEW

UNIT PACKAGE

Weight	0.045 kg
Length	6.5 cm
Width	6.5 cm
Height	3.0 cm
Pieces	1

COLLECTIVE PACKAGE

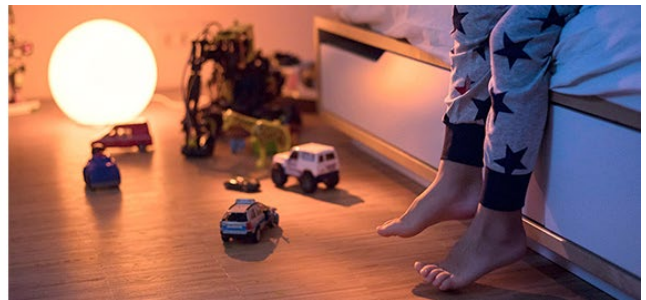|	
Weight	2.4 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	45

PAST PACKAGING / NON-ECO

UNIT PACKAGE

Weight	0.061 kg
Length	6.5 cm
Width	6.6 cm
Height	4.6 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	30

Model: FGS-213 ZW5

The remotely operated FIBARO Single Switch 2 is designed to turn electrical devices on and off and to measure their power and energy consumption. The compact size of the device makes it the world's smallest of its type and allows for the product to be installed in wall switch boxes or housings. FIBARO Single Switch 2 can be controlled either via Z-Wave network or with a wall switch through a direct connection.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers,
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption,
- ⊘ Advanced microprocessor control,
- ⊘ Active power and energy metering functionality,
- ⊘ Works with various types of switches: momentary, toggle, three-way, etc.

FIBARO | Single Switch 2

TECHNICAL DATA

Power Source	100-240V~50/60Hz
Rated load current (resistive loads only):	8A for 240V~ 6.5A for 120V~
Operating temperature	0°C - 35°C
For installation in boxes	Ø >= 50mm, depth >= 60mm
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.8 MHz EU 908.4, 908.42 or 916.0 MHz US 921.4 or 919.8 MHz ANZ 869.0 MHz RU
Range	up to 40m (131 ft) (depending on building structure)
Outside dimmensions (L x W x H)	42.5mm x 38.25mm x 20.3mm
Compliance with EU directives	RoHS 2011/65/EU RED 2014/53/EU

ECO PACKAGING / NEW

UNIT PACKAGE

Weight	0.045 kg
Length	6.5 cm
Width	6.5 cm
Height	3.0 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2.4 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	45

PAST PACKAGING / NON-ECO

UNIT PACKAGE

Weight	0.061 kg
Length	6.5 cm
Width	6.6 cm
Height	4.6 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	30

FIBARO | Double Switch 2

Model: FGS-223 ZW5

The remotely operated FIBARO Double Switch 2 is designed to turn two electrical devices on and off and to measure their power and energy consumption. The compact size of the device makes it the world's smallest of its type and allows for the product to be installed in wall switch boxes or housings. FIBARO Double Switch 2 can be controlled either via Z-Wave network or with a wall switch through a direct connection.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers,
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption,
- ⊘ Advanced microprocessor control,
- ⊘ Active power and energy metering functionality,
- ⊘ Works with various types of switches: momentary, toggle, three-way, etc.

FIBARO | Double Switch 2

TECHNICAL DATA

Power Source	100-240V~50/60Hz
Rated load current (resistive loads only):	6.5A per channel, 10A overall for 240V~ 6A per channel, 9.5A overall for 120V~
Operating temperature	0°C - 35°C
For installation in boxes	Ø >= 50mm, depth >= 60mm
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.8 MHz EU 908.4, 908.42 or 916.0 MHz US 921.4 or 919.8 MHz ANZ 869.0 MHz RU
Range	up to 40m (131 ft) (depending on building structure)
Outside dimmensions (L x W x H)	42.5mm x 38.25mm x 20.3mm
Compliance with EU directives	RoHS 2011/65/EU RED 2014/53/EU

ECO PACKAGING / NEW

UNIT PACKAGE

Weight	0.045 kg
Length	6.5 cm
Width	6.5 cm
Height	3.0 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2.4 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	45

## PAST PACKAGING / NON-ECO

UNIT PACKAGE

Weight	0.061 kg
Length	6.5 cm
Width	6.6 cm
Height	4.6 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	30

FIBARO | Smart Module

Model: FGS-214 ZW5

The remotely operated FIBARO Smart Module is designed to turn an electrical device or circuit on and off. The compact size of the device allows for the product to be installed in the housings of other devices. FIBARO Smart Module can be controlled either via the Z-Wave network or with a button connected directly to it.
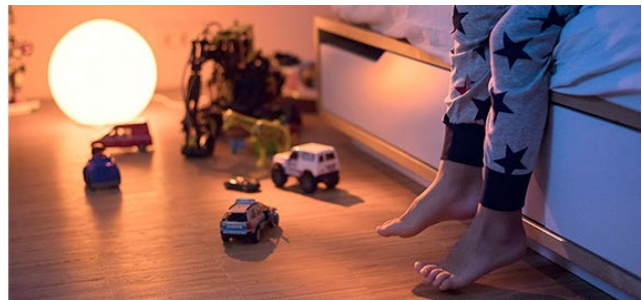
PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers,
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption,
- ⊘ Advanced microprocessor control,
- ⊘ Single channel dry contact switch,
- ⊘ Works with various types of switches.

FIBARO | Smart Module

TECHNICAL DATA

Power Source	100-240V~50/60Hz or 24-30VDC
Rated load current (resistive loads only):	6.5A
Operating temperature	0°C - 35°C
For installation in boxes	Ø >= 50mm, depth >= 60mm
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.8 MHz EU 921.4 or 919.8 MHz ANZ
Range	up to 40m (131 ft) (depending on building structure)
Outside dimmensions (L x W x H)	42.5mm x 38.25mm x 20.3mm
Compliance with EU directives	RoHS 2011/65/EU RED 2014/53/EU 2015/863

ECO PACKAGING / NEW

UNIT PACKAGE

Weight	0.045 kg
Length	6.5 cm
Width	6.5 cm
Height	3.0 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2.4 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	45

PAST PACKAGING / NON-ECO

UNIT PACKAGE

Weight	0.061 kg
Length	6.5 cm
Width	6.6 cm
Height	4.6 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	30

FIBARO | Double Smart Module

Model: FGS-224 ZW5

The remotely operated FIBARO Double Smart Module is designed to turn up to two electrical devices or circuits on and off. The compact size of the device allows for the product to be installed in the housings of other devices. FIBARO Double Smart Module can be controlled either via the Z-Wave network or with a button connected directly to it.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers,
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption,
- ⊘ Advanced microprocessor control,
- ⊘ Two channel dry contact switch,
- ⊘ Works with various types of switches.

FIBARO | Double Smart Module

TECHNICAL DATA

Power Source	100-240V~50/60Hz or 24-30VDC
Rated load current (resistive loads only):	6A per channel, 9.5A overall
Operating temperature	0°C - 35°C
For installation in boxes	Ø >= 50mm, depth >= 60mm
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.8 MHz EU 921.4 or 919.8 MHz ANZ
Range	up to 40m (131 ft) (depending on building structure)
Outside dimmensions (L x W x H)	42.5mm x 38.25mm x 20.3mm
Compliance with EU directives	RoHS 2011/65/EU RED 2014/53/EU 2015/863

ECO PACKAGING / NEW

UNIT PACKAGE

Weight	0.045 kg
Length	6.5 cm
Width	6.5 cm
Height	3.0 cm
Pieces	1

COLLECTIVE PACKAGE

|	
Weight	2.4 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	45

PAST PACKAGING / NON-ECO

UNIT PACKAGE

Weight	0.061 kg
Length	6.5 cm
Width	6.6 cm
Height	4.6 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	30

FIBARO | RGBW Controller 2

Model: FGRGBWM-442

Universal, Z-Wave compatible RGB / RGBW controller. FIBARO RGBW Controller may control LED strips, RGB / RGBW LEDs and 12V - 24V powered light sources. In addition the device supports up to four, 0V - 10V analogue sensors, such as temperature sensors, humidity sensors, wind sensors, air quality sensors, light sensors etc. All IN and OUT terminals may be user configured for LED control or 0V-10V signal readouts. May be used as a dimmer with Halogen lamps.
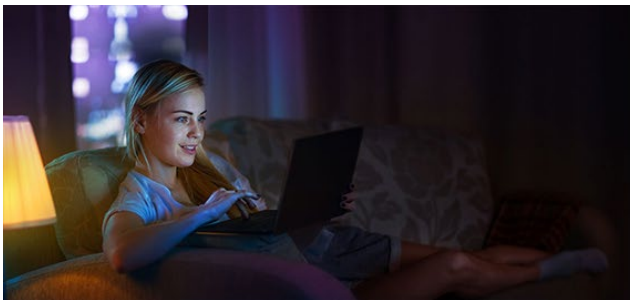
PRODUCT HIGHLIGHTS

- ⊘ Current and historical power consumption measuring
- ⊘ Controlled through other FIBARO devices or any Z-Wave controller,
- ⊘ Microprocessor controlled,
- ⊘ Most advanced device of this type in the World.

FIBARO | RGBW Controller 2

TECHNICAL DATA

Power Source	12V DC / 24V DC
Rated output power	combined 12A (sum of all connected outputs)
Max load (e.g. halogen lamps)	at 12V - 144W combined at 24V - 288W combined
Radio frequency	868.4 or 869.85 MHz EU 908.4 or 916.0 MHz US 921.4 or 919.8 MHz ANZ 869.0 MHz RU
Range	up to 40m (131.2 ft) (depending on building structure)
Outside dimmensions (L x W x H)	42.35mm x 36.90mm x 17.5mm

ECO PACKAGING / NEW

UNIT PACKAGE

Weight	0.045 kg
Length	6.5 cm
Width	6.5 cm
Height	3.0 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2.4 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	45

PAST PACKAGING / NON-ECO

UNIT PACKAGE

Weight	0.061 kg
Length	6.5 cm
Width	6.6 cm
Height	4.6 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	34.0 cm
Width	21.0 cm
Height	10.5 cm
Pieces	30

FIBARO | Wall Plug

Model:

FGWPE-102 ZW5

FGWPF-102 ZW5 (Schuko)

FIBARO Wall Plug, with power metering feature, is an intelligent, ultimate plug & play, most sophisticated, extremely compact, remotely controlled outlet adapter. This highly functional wall plug can be applied wherever there's a need to control electrical devices of maximum 2.5kW power output, while monitoring power consumption in a convenient and maintenance-free way. Crystal LED ring informs about the current load of the connected appliance by visually changing its colour.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers,
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption,
- ⊘ Power consumption level visualisation with the use of crystal, colour changing, LED ring,
- ⊘ Microprocessor controlled,
- ⊘ Smallest device of the type in the world.

FIBARO | Wall Plug

TECHNICAL DATA

Power Source	220-240V AC ±10% 50/60Hz
Rated operational output voltage	11A/230V AC 50/60Hz - continuous load
Power consumption	up to 1.6W
Output power for resistive loads	2.5 kW continuous load
In accordance with UE standards	RED 2014/53/EU RoHS 2011/65/EU
Circuit temperature limit	105°C
Operational temperature	0°C - 40°C
For use with sockets Compatible with each EU plug	CEE 7/16 CEE 7/17 dual type plugs E/F
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.8 MHz EU 908.4, 908.42 or 916.0 MHz US 921.4 or 919.8 MHz ANZ 869.0 MHz RU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (D x H)	43 x 65 mm

UNIT PACKAGE

Weight	0.089 kg
Length	6.5 cm
Width	6.5 cm
Height	7.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	1.5 kg
Length	33.5 cm
Width	20.0 cm
Height	9.5 cm
Pieces	15

FIBARO | Wall Plug

Model: FGWPG-111 ZW5

FIBARO Wall Plug is a universal, Z-Wave compatible and remotely controlled plug-in switch with the ability to measure power and energy consumption. It uses a LED frame to visualize the current load and operating mode with color changing illumination. It makes possible to control electrical devices in a convenient and maintenance-free way. FIBARO Wall Plug may be operated using the service button located on its casing or via any Z-Wave compatible controller.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers,
- ⊘ Supports Z-Wave network Security Modes: S0 with AES-128 encryption and S2 with PRNG-based encryption,
- ⊘ Compatible with type G sockets and plugs,
- ⊘ Extremely easy installation - simply plug the device into the mains socket,
- ⊘ Works as a Z-Wave signal repeater,
- ⊘ Active power and energy consumption metering for the plugged device,
- ⊘ Current value of the load and operating mode are indicated by the multi-color LED frame.

FIBARO | Wall Plug

TECHNICAL DATA

Power supply	230V AC, 50/60Hz
Rated load (continuous load):	Resistive loads: 13A Incandescent loads: 8A
Rated impulse voltage	1.5kV
Maximum inrush current	80A (20ms)
To be used with G type sockets	BS 1363
ICE Protection Class	Class I
Operating temperature	0 – 40°C
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4, 868.42 or 869.8 MHz
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (H x W x D)	56 x 56 x 58.5mm

UNIT PACKAGE

Weight	0.127 kg
Length	6.5 cm
Width	6.5 cm
Height	7.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	47 cm
Width	19 cm
Height	18 cm
Pieces	20

FIBARO | Motion Sensor

Model: FGMS-001 ZW5

The FIBARO Motion Sensor is a universal Z-Wave multi-sensor. Along with detecting motion the device measures the temperature and light intensity. The sensor has a built-in accelerometer to detect any tampering of the device. The FIBARO Motion Sensor is battery powered device and designed to be installed quickly and easily on any surface. The LED indicator signals motion, temperature level, operating mode and can be used to see if device is within the Z-Wave network. The Motion Sensor can be used for lighting scenes and security monitoring systems.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers,
- ⊘ Detects even the slightest motion and changes in temperature,
- ⊘ One of a kind, earthquake detection functionality,
- ⊘ Battery powered,
- ⊘ Wireless communication via Z-Wave protocol,
- ⊘ Features wireless software update,
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption.

FIBARO | Motion Sensor

TECHNICAL DATA

Power supply	CR123A battery, 3.0 VDC (battery included)
EU directive compliance	RED 2014/53/EU RoHS 2011/65/EU
Recommended installation height	2.4m
Operational temperature	0 – 40°C
Measured Temperature Range	-20 to 100°C
Temperature measuring accuracy	0.5°C (within 0°C-40°C range)
Light intensity measuring range	0 - 32000 LUX
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4, 869.85 MHz EU 908.4, 916.0 MHz US 921.4, 919.8 MHz ANZ 869.0 MHz RU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (H x W x D)	56 x 56 x 58.5mm

UNIT PACKAGE

Weight	0.089 kg
Length	6.5 cm
Width	6.5 cm
Height	7.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	1.32 kg
Length	33.5 cm
Width	20.0 cm
Height	9.5 cm
Pieces	15

FIBARO | Flood Sensor

Model: FGFS-101 ZW5

FIBARO Flood Sensor is a universal, Z-Wave Plus compatible, flood and temperature sensor. Device can be battery or VDC powered (12 or 24 VDC). Flood alarm is sent to the Z-Wave network devices or additionally to any alarm system controller, through opening a NC contact. The device has built in temperature sensor, monitoring temperature of e.g. floor. FIBARO Flood Sensor is designed to be placed on the floor or on a wall with a flood sensors probe extended by connected wire. The device has built in LED and sound alarm.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers,
- ⊘ Unique, floating design
- ⊘ Detects flooding or fire
- ⊘ Battery or VDC powered
- ⊘ Communicates with a Z-Wave network or a wired alarm system
- ⊘ Features wireless software update.

FIBARO | Flood Sensor

TECHNICAL DATA

Power supply	12 - 24 VDC
Battery type	CR123A (included)
Maximum voltage at output terminals	24V DC / 20V AC
EU standards compliance	RED 2014/53/EU RoHS 2011/65/EU
Operational temperature	0 – 40°C
Measured temperature range	-20 to 100°C
Temperature measuring accuracy	0.5°C (within 0°C-40°C range)
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4, 869.85 MHz EU 908.4, 916.0 MHz US 921.4, 919.8 MHz ANZ 869.0 MHz RU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (Diameter x Height)	72 mm x 28 mm

UNIT PACKAGE

Weight	0.094 kg
Length	9.4 cm
Width	9 cm
Height	3.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	3.38 kg
Length	47 cm
Width	19 cm
Height	18 cm
Pieces	30

FIBARO | Smoke Sensor

Model: FGSD-002 ZW5

The FIBARO Smoke Sensor is a universal, optical Z-Wave smoke detector. Fire alarm is signaled by sound, visual indicator blinking and by sending Z-Wave control commands. The optical sensor detects smoke at an early stage of fire, often before flames appear and temperature starts to rise significantly. Moreover the device has a built-in temperature sensor, which is programmable indicator of exceeding set temperature level. The FIBARO Smoke Sensor is designed to be placed on a wall or ceiling. Visual indicator signals fire, operating mode and is used to see if device is within the Z-Wave network.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers
- ⊘ Battery powered
- ⊘ 3 levels of sensors sensitivity compliant with EN 14604:2005
- ⊘ Built-in enclosure opening detector
- ⊘ Dedicated safety mechanism which prevents closing the enclosure without the battery installed
- ⊘ Alarm signaled by a loud sound, visual indicator and Z-Wave control command
- ⊘ Additional function of informing about rapid temperature rise by exceeding programmed temperature threshold
- ⊘ Efficiency test performed automatically every 10 seconds to detect possible malfunction
- ⊘ Self-test functionality which may be performed manually to test FIBARO Smoke Sensor's operation
- ⊘ Built-in "black box" to report and record smoke and temperature readouts in its internal memory
- ⊘ Built-in Z-Wave range tester
- ⊘ Wireless software update feature
- ⊘ Z-Wave Plus compatible

Please note that the device plays informational role only.

FIBARO | Smoke Sensor

TECHNICAL DATA

Battery type	CR123A 3.0V DC (included)
Operational temperature	0 – 55°C
Operational Humidity	0% - 93%
Measured temperature range	-20 to 100°C
Temperature measuring accuracy	0.5°C (within 0°C-55°C range)
Smoke sensitivity	1st level – 1.20 +/- 0.5% obs/ft 2nd level – 1.80 +/- 0.5% obs/ft 3rd level – 2.80 +/- 0.5% obs/ft
Sound pressure level	85dB / 3m
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4, 869.85 MHz EU 908.4, 916.0 MHz US 921.4, 919.8 MHz ANZ 869.0 MHz RU
Compliance with	LVD 2006/95/EC EMC 2004/108/EC R&TTE 1999/5/EC RoHS 2011/65/EU EN 14604:2005
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (Diameter x Height)	65mm x 28mm

UNIT PACKAGE

Weight	0.096 kg
Length	9.4 cm
Width	9 cm
Height	3.5 cm
Pieces	1

COLLECTIVE PACKAGE

|	
Weight	3.38 kg
Length	47 cm
Width	19 cm
Height	18 cm
Pieces	30

Please note that the device plays informational role only.

FIBARO | CO Sensor

Model: FGCD-001 ZW5

FIBARO CO Sensor is an ultra-light, compact, battery-powered carbon monoxide detector, designed to be placed on a wall. Its high sensitivity allows to detect the presence of the carbon monoxide (CO) gas at the early stage in order to prevent carbon monoxide poisoning. Alarm is signalled with a built-in siren, blinking LED indicator and by sending commands to Z-Wave network devices. Additionally, the device is equipped with a temperature sensor.
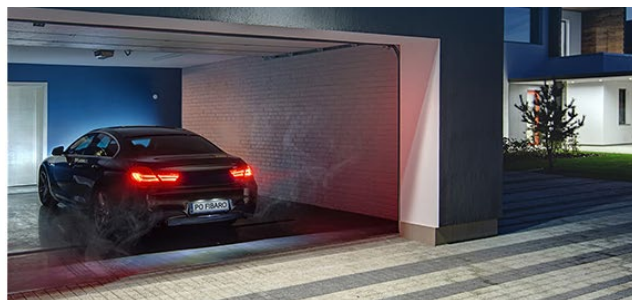
PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption,
- ⊘ May be used as stand-alone carbon monoxide detector,
- ⊘ Wall-mounted,
- ⊘ Battery-powered,
- ⊘ Completely wireless,
- ⊘ Alarm signalled with a built-in siren and LED diode,
- ⊘ Built-in temperature sensor.

Please note that the device plays informational role only.

FIBARO | CO Sensor

TECHNICAL DATA

Battery type	CR123A 3.0V (included)
Battery life	3 years on default settings (tested with Panasonic Industrial Lithium)
Lifespan under typical conditions	8 years
CO concentration measurement range	0-450 ppm
Measuring accurancy	±10ppm / ±5%
Operational temperature	0 – 50°C
Temperature measuring range	0 – 60°C
Alarm response times on default settings	50ppm 60-90min 100ppm 10-40min 300ppm <1.5min
Alarm siren sound level	85 dBA at 3 meters
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4, 868.42 or 869.8 MHz EU
Compliance with	RoHS 2011/65/EU RED 2014/53/EU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (Diameter x Height)	65mm x 28mm

UNIT PACKAGE

Weight	0.096 kg
Length	9.4 cm
Width	9 cm
Height	3.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	3.38 kg
Length	47 cm
Width	19 cm
Height	18 cm
Pieces	30

Please note that the device plays informational role only.

FIBARO | KeyFob

Model: FGKF-601 ZW5

FIBARO KeyFob is a Z-Wave Plus compatible, battery-powered, compact remote control. Six buttons allow you to control other devices through the Z-Wave network and run various scenes defined in FIBARO System. Configure actions for one, two, three clicks and holding the button to suit all your needs. Built-in locking system will ensure that unauthorized person will not take control of your home.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption,
- ⊘ Completely wireless and battery powered,
- ⊘ Pocket size,
- ⊘ Equipped with 6 easily recognizable buttons,
- ⊘ 24 different actions: single/double/triple click and hold for each button,
- ⊘ Easy to operate menu,
- ⊘ Actions confirmed by the built-in LED diode.

FIBARO | KeyFob

TECHNICAL DATA

Battery type	CR2450 3.0V (included)
Battery life	est. 2 years (with default settings and max. 5 pushes per day)
Operational temperature	0 – 40°C
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.8 MHz EU 908.4 or 916.0 MHz US 921.4 or 919.8 MHz ANZ 869.0 MHz RU
EU directives compliance	RoHS 2011/65/EU RED 2014/53/EU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (L x W x H)	70 x 38 x 15 mm

UNIT PACKAGE

Weight	0.065 kg
Length	9.4 cm
Width	9 cm
Height	3.5 cm
Pieces	1

## COLLECTIVE PACKAGE

Weight	2.182 kg
Length	33.5 cm
Width	20 cm
Height	9.5 cm
Pieces	15

FIBARO | Door/Window Sensor 2

Model: FGDW-002 ZW5

FIBARO Door/Window Sensor 2 is a wireless, battery powered, Z-Wave Plus compatible magnetic contact sensor. Opening is detected by separating the sensor's body and the magnet. Sensor can be used to trigger scenes and wherever there is a need for information about opening or closing of doors, windows, garage doors, etc. In addition, the FIBARO Door/Window Sensor 2 is equipped with a built-in temperature sensor.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers
- ⊘ Supports protected mode (Z-Wave network Security Mode) with AES-128 encryption,
- ⊘ Door/window opening detected through separation of Sensor's body and a magnet,
- ⊘ Battery powered,
- ⊘ Built-in temperature sensor,
- ⊘ Detects tampering, when detached or opened,
- ⊘ Easily mounted on doors, windows, garage gates and roller blinds,
- ⊘ Visual LED indicator signaling status of the device.

COLOUR OPTIONS

FGDW-002-1   FGDW-002-3   FGDW-002-7

FIBARO | Door/Window Sensor 2

TECHNICAL DATA

Battery type	ER14250 ½AA, 3.6V DC battery (included)
Battery life	est. 2 years (with default settings)
Operational temperature	0 – 40°C
Temperature measuring range	0 - 60°C
Temperature measuring accuracy	±0.5°C
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4, 869.85 MHz EU 908.4, 916.0 MHz US 921.4, 919.8 MHz ANZ 869.0 MHz RU
Compliance with	RoHS 2011/65/EU RED 2014/53/EU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (L x W x H)	71 x 18 x 18 mm

UNIT PACKAGE

Weight	0.061 kg
Length	6.5 cm
Width	6.5 cm
Height	7.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	33.5 cm
Width	20.0 cm
Height	9.5 cm
Pieces	30

FIBARO | The Button

Model: FGPB-101 ZW5

FIBARO Button is a compact, battery-powered, Z-Wave Plus compatible device. It allows you to control devices through the Z-Wave network and run various scenes defined in FIBARO System. Different actions may be triggered with one to five clicks or by holding the button down. In panic mode, each press of the button results in triggering of the emergency scene. With its small design and wireless communication, the FIBARO Button can be conveniently mounted on any surface and in any position or location at home, e.g. beside the bed or under the desk.
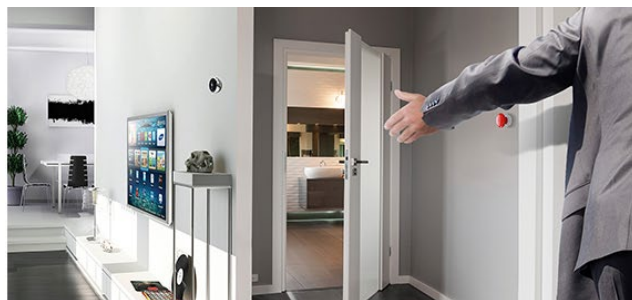
PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption,
- ⊘ Completely wireless with battery power and Z-Wave communication,
- ⊘ May be installed anywhere in your home,
- ⊘ Extremely easy installation - simply add and put on desired surface,
- ⊘ Many colour variations: white, black, red, yellow, green, blue, brown and orange.

COLOUR OPTIONS

| FGPB-101-1 | FGPB-101-2 | FGPB-101-3 | FGPB-101-4 | FGPB-101-5 | FGPB-101-6 | FGPB-101-7 | FGPB-101-8 |

FIBARO | The Button

TECHNICAL DATA

Battery type	ER14250 ½AA, 3.6V DC battery (included)
Battery life	est. 2 years (with default settings)
Operational temperature	0 – 40°C
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4, 869.85 MHz EU 908.4, 916.0 MHz US 921.4, 919.8 MHz ANZ 869.0 MHz RU
Compliance with	RoHS 2011/65/EU RED 2014/53/EU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (L x W x H)	46 x 34 mm

UNIT PACKAGE

Weight	0.07 kg
Length	6.5 cm
Width	6.5 cm
Height	7.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	1.32 kg
Length	33.5 cm
Width	20.0 cm
Height	9.5 cm
Pieces	15

FIBARO | The Heat Controller Starter Pack

Model: The Heat Controller Starter Pack

FIBARO The Heat Controller (Z-Wave) is a remotely controlled thermostatic head to control temperature in your room. It measures the temperature and automatically adjusts the heat level. It can be mounted without tools on three types of thermostatic radiator valves. With additional FIBARO Temperature Sensor it is even more precise in adjusting the right temperature in your home.

Set of two devices: The Heat Controller FGT-001, Temperature Sensor FGBRS-001.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers
- ⊘ To be installed on three types of valves: M30 x 1.5, Danfoss RTD-Nand Danfoss RA-N,
- ⊘ Supports Z-Wave network Security Modes: S0 with AES-128 encryption and S2 with PRNG-based encryption,
- ⊘ Built-in battery recharged through standard micro-USB port,
- ⊘ Easy installation - no tools required,
- ⊘ Can use an external temperature sensor,
- ⊘ Supports heating schedules,
- ⊘ Automatic calibration,
- ⊘ Anti-freeze function,
- ⊘ Decalc function.

FIBARO | The Heat Controller Starter Pack

TECHNICAL DATA

Power supply	3.7V Li-Poly battery pack (non-replaceable)
Charging port	micro-USB
Charger voltage (not included)	5V DC (±5%)
Minimum charger current (not included)	0.5A
Operating temperature	0 – 40°C
Storage temperature (standby mode)	-10 – 25°C
Maximum water temperature	90°C
Temperature measuring accuracy	0.5°C (within 0–40°C range)
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868 MHz ISM band (for EU)
Compliance with	RoHS 2011/65/EU RED 2014/53/EU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (Diameter x Height)	56 x 74 mm (without the adapter) 56 x 87 mm (with the adapter)

UNIT PACKAGE

Weight	0.246 kg
Length	11.6 cm
Width	7.7 cm
Height	14.2 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	17 kg
Length	56 cm
Width	43 cm
Height	39 cm
Pieces	63

FIBARO | The Heat Controller

Model: FGT-001 ZW5

FIBARO The Heat Controller (Z-Wave) is a remotely controlled thermostatic head to control temperature in your room. It measures the temperature and automatically adjusts the heat level. It can be mounted without tools on three types of thermostatic radiator valves. You can create schedules via app to easily manage temperature throughout the week.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave+ Controllers
- ⊘ To be installed on three types of valves: M30 x 1.5, Danfoss RTD-Nand Danfoss RA-N,
- ⊘ Supports Z-Wave network Security Modes: S0 with AES-128 encryption and S2 with PRNG-based encryption,
- ⊘ Built-in battery recharged through standard micro-USB port,
- ⊘ Easy installation - no tools required,
- ⊘ Can use an external temperature sensor,
- ⊘ Supports heating schedules,
- ⊘ Automatic calibration,
- ⊘ Anti-freeze function,
- ⊘ Decalc function.

FIBARO | The Heat Controller

TECHNICAL DATA

Power supply	3.7V Li-Poly battery pack (non-replaceable)
Charging port	micro-USB
Charger voltage (not included)	5V DC (±5%)
Minimum charger current (not included)	0.5A
Operating temperature	0 – 40°C
Storage temperature (standby mode)	-10 – 25°C
Maximum water temperature	90°C
Temperature measuring accuracy	0.5°C (within 0–40°C range)
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868 MHz ISM band (for EU)
Compliance with	RoHS 2011/65/EU RED 2014/53/EU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (Diameter x Height)	56 x 74 mm (without the adapter) 56 x 87 mm (with the adapter)

UNIT PACKAGE

|	
Weight	0.235 kg
Length	11.6 cm
Width	7.7 cm
Height	14.2 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	17 kg
Length	56 cm
Width	43 cm
Height	39 cm
Pieces	63

Model: FGBRS-001

FIBARO Temperature Sensor (FGBRS-001) is a wireless temperature sensor which can be used with FIBARO The Heat Controller to provide best temperature regulation. It can be placed anywhere in the room and the device will use it as a reference point for the room temperature. One head can be paired with only one sensor, but one sensor can be paired with three heads.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with FIBARO The Heat Controller,
- ⊘ Can be paired with up to thee heads,
- ⊘ Easy installation - no tools required.

FIBARO | Temperature Sensor

TECHNICAL DATA

Power supply	CR2032, 3.0V battery (included)
Operating temperature	0 – 40°C
Storage temperature (standby mode)	-10 – 25°C
Temperature measuring accuracy	0.5°C (within 0–40°C range)
Radio frequency	868 MHz ISM band (for EU)
Compliance with	RoHS 2011/65/EU RED 2014/53/EU
Dimensions (Diameter x Height)	38 x 12 mm

UNIT PACKAGE

|	
Weight	0.032 kg
Length	6.5 cm
Width	6.5 cm
Height	4.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	33.5 cm
Width	20.0 cm
Height	9.5 cm
Pieces	30

FIBARO | Intercom

Model: FGIC-002

FIBARO Intercom (FGIC-002) is a smart device which can show you everyone who has arrived at your doorstep with a 180-degree high-definition view and night vision. This modern-looking, high-gloss gatekeeper can be placed near the front door or gate to look after your safety.
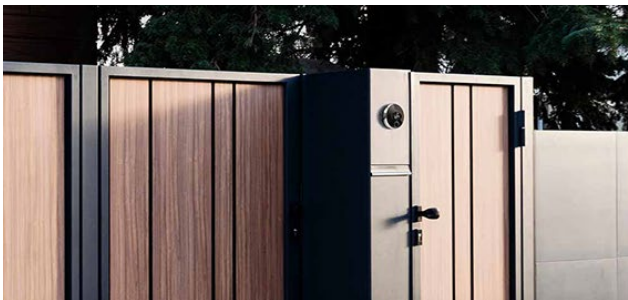
PRODUCT HIGHLIGHTS

- ⊘ Two relay outputs (to control gates),
- ⊘ Full HD video resolution (1080p/30fps),
- ⊘ Ultra-wide angle lens (180o),
- ⊘ IR illumination (for night view),
- ⊘ Noise-canceling microphones.

FIBARO | Intercom

TECHNICAL DATA

Power supply	12V DC and/or 48V PoE
DC supply parameters	12V +/- 10%, 1A LPS
Power consumption	up to 5W
Communication protocols	Ethernet 10/100BASE-TX Wi-Fi a/b/g/n 2.4/5GHz Bluetooth® low energy
Ethernet cable category	CAT-5e
Recommended minimum Internet connection bandwidth	5 Mbit/s upload speed 5 Mbit/s download speed
Operating temperature	-30°C – 40°C
IP protection class	IP54
External dimensions (ring - on-wall part)	85 x 37 mm
Installation box dimensions (diameter x depth):	65mm x 75mm
Weight	420g

UNIT PACKAGE

Weight	0.913 kg
Length	22.5 cm
Width	20.5 cm
Height	12 cm
Pieces	1

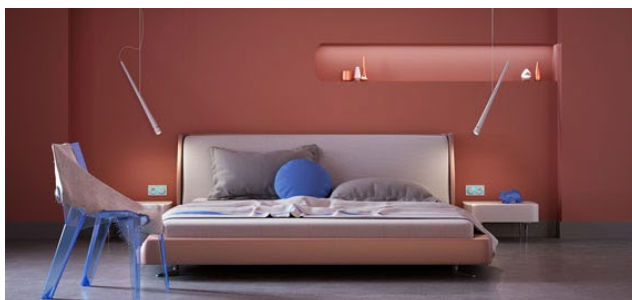## COLLECTIVE PACKAGE

Weight	22 kg
Length	50 cm
Width	43 cm
Height	37 cm
Pieces	16

FIBARO | Smart Implant

Model: FGBS-222 ZW5

FIBARO Smart Implant allows to enhance the functionality of wired sensors and other devices by adding Z-Wave network communication. You can connect binary sensors, analog sensors, DS18B20 temperature sensors or DHT22 humidity and temperature sensor to report their readings to the Z-Wave controller. It can also control devices by opening/closing output contacts independently of the inputs.
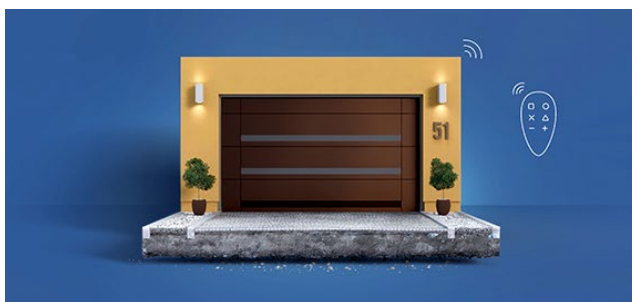
PRODUCT HIGHLIGHTS

- ⊘ Compatible with any certified Z-Wave or Z-Wave Plus controller,
- ⊘ Supports Z-Wave network Security Modes: S0 with AES-128 encryption and S2 Authenticated with PRNG-based encryption,
- ⊘ Works as a Z-Wave signal repeater,
- ⊘ Allows for connecting sensors:

    6 DS18B20 sensors,

    1 DHT sensor,

    2 2-wire analog sensor,

    2 3-wire analog sensor,

    2 binary sensors,

- ⊘ Built-in temperature sensor.

FIBARO | Smart Implant

TECHNICAL DATA

Power supply	9-30V DC ±10%
Inputs	2x 0-10 analog/binary inputs 1x serial 1-wire input (for DHT22 or DS18B20 sensors)
Outputs	2x potential-free outputs (for controlling external circuits)
Supported digital sensors	6 DS18B20 or 1 DHT22
Maximum current on outputs	150mA
Maximum voltage on outputs	30V DC/ 20V AC ±5%
Operating temperature	0–40°C (32-104°F)
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868,4 lub 869,8 MHz EU 908,4, 908,42 or 916,0 MHz US 921,4 lub 919,8 MHz ANZ 869,0 MHz RU
Compliance with EU directives	RoHS 2011/65/EU RED 2014/53/EU
Range	up to 40m (131 ft) (depending on building structure)
Dimensions (Length x Width x Height)	29 x 18 x 13 m (1.14" x 0.71" x 0.51")

UNIT PACKAGE

Weight	0.04 kg
Length	6.5 cm
Width	6.5 cm
Height	4.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	33.5 cm
Width	20.0 cm
Height	9.5 cm
Pieces	30

FIBARO | Walli Outlet type E

White: FGWOE-011

Anthracite: FGWOE-011-8

An intelligent electrical outlet that allows to control and manage the device connected to it. Equipped with a LED ring, informing about current consumption. The maximum load is 3680W.

PRODUCT HIGHLIGHTS

- ⊘ Remote management of any electrical device.
- ⊘ Control of the electrical device via voice commands.
- ⊘ Adjusting the LED ring to the user's preferences.
- ⊘ Access to devices for using the application.
- ⊘ Failure notification of electrical devices.
- ⊘ Monitoring power and energy consumption.

FIBARO | Walli Outlet type E

TECHNICAL DATA

Power Supply	110-230V~ 50/60 Hz
Recommended external overcurrent protection	16A type B circuit breaker
Recommended wires	1.5-4.0mm2
For installation in boxes	Ø = 60mm, depth ≥ 50mm
Operating temperature	0–40°C
Ambient humidity	10–90% RH without condensation
Rated load current	16A – resistive loads
Number of outlets	1
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.85 MHz EU, 869.0 MHz RU
Range	up to 40m indoors (depending on terrain and building structure)
Dimensions (Length x Width x Height)	45 x 86 x 86 mm

UNIT PACKAGE

Weight	0.184 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	17 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

White: FGWOF-011
Anthracite: FGWOF-011-8

An intelligent electrical outlet that allows to control and manage the device connected to it. Equipped with a LED ring, informing about current consumption. The maximum load is 3680W.

PRODUCT HIGHLIGHTS

- ⊘ Remote management of any electrical device.
- ⊘ Control of the electrical device via voice commands.
- ⊘ Adjusting the LED ring to the user's preferences.
- ⊘ Access to devices for using the application.
- ⊘ Failure notification of electrical devices.
- ⊘ Monitoring power and energy consumption.

FIBARO | Walli Outlet type F

TECHNICAL DATA

Power Supply	110-230V~ 50/60 Hz
Recommended external overcurrent protection	16A type B circuit breaker
Recommended wires	1.5-4.0mm2
For installation in boxes	Ø = 60mm, depth ≥ 50mm
Operating temperature	0–40°C
Ambient humidity	10–90% RH without condensation
Rated load current	16A – resistive loads
Number of outlets	1
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.85 MHz EU, 869.0 MHz RU
Range	up to 40m indoors (depending on terrain and building structure)
Dimensions (Length x Width x Height)	45 x 86 x 86 mm

UNIT PACKAGE

Weight	0.185 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

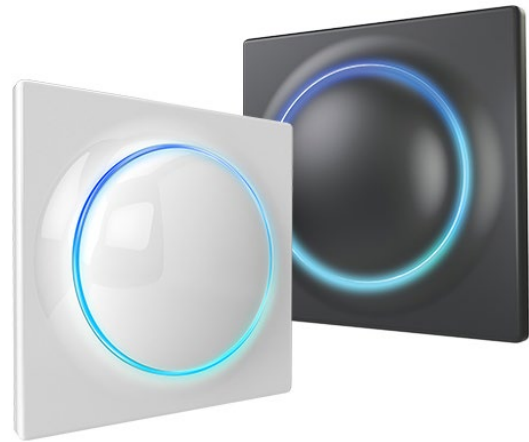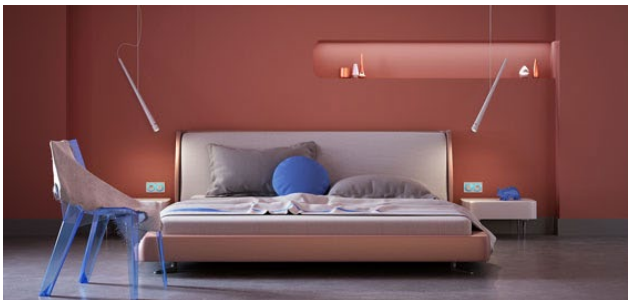|	
Weight	17 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

FIBARO | Walli Controller

White: FGWCEU-201
Anthracite: FGWCEU-201-8

An intelligent on-wall battery or DC operated controller. Can be used in Walli multiframes and act as additional button for other devices.

PRODUCT HIGHLIGHTS

- Universal surface-mounted button for starting scenes,
- Battery operated or DC powered,
- device that can be assigned any role, e.g., a light switch or a button for roller blinds,
- device that is compatible with Walli product line, but also perfect as a separate button,
- DC wire connector and double-sided adhesive stickers included in the box.

FIBARO | Walli Controller

TECHNICAL DATA

Power Supply	Battery and/or power supply unit
Battery type	ER14250 ½AA 3.6V (included)
Supply unit type	5–24V DC, LPS or NEC class 2 (not included)
Battery life est.	2 years (with default settings and max. 10 pushes per day)
Operating temperature	0–40°C
Ambient humidity	0–90% RH without condensation
Radio protocol	Z-Wave (700 series chip)
Radio frequency band	868.0–868.6MHz; 869.7–870.0MHz
Max. transmitting power	+13dBm
Range	up to 50m outdoors up to 40m indoors (depending on terrain and building structure)
Dimensions (Length x Width x Height)	86 x 86 x 20 mm
Compliance with EU directives	RoHS 2011/65/EU RoHS 2015/863 RED 2014/53/EU

UNIT PACKAGE

Weight	0.123 kg
Length	11.2 cm
Width	3.5 cm
Height	13.4 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	5.5 kg
Length	56 cm
Width	36 cm
Height	15 cm
Pieces	39

FIBARO | Walli Switch

White: FGWDSEU-221

Anthracite: FGWDSEU-221-8

An intelligent switch integrated with the button used in a system with one or two independently controlled loads. Designed for quick installation in sockets. Equipped with a LED ring and functionalities known from FIBARO modules.

PRODUCT HIGHLIGHTS

- ⊘ Devices and scenes management with just one click.
- ⊘ Remote management of electrical devices.
- ⊘ Device management via voice commands.
- ⊘ Adaptation of the LED ring to the user's preferences.
- ⊘ Notifications of failure of electrical devices.
- ⊘ Monitoring power and energy consumption.

FIBARO | Walli Switch

TECHNICAL DATA

Power Supply	110-230V~ 50/60 Hz
Recommended external overcurrent protection	10A type B circuit breaker (EU) 13A type B circuit breaker (Sweden)
Active element	micro-gap relay μ
Recommended wires	1.5-4.0mm2
For installation in boxes	Ø = 60mm, depth ≥ 50mm
Operating temperature	0–35°C
Ambient humidity	10–95% RH without condensation
Rated load current	13A per one channel 16A total
Compatible load types	incandescent, tube laps, LED, electronic transformers, ferromagnetic transformers
Number of controlled loads	1/2 (default 2)
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.85 MHz EU, 869.0 MHz RU
Range	up to 40m indoors (depending on terrain and building structure)
Dimensions (Length x Width x Height)	55 x 86 x 86 mm

UNIT PACKAGE

Weight	0.188 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	17 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

FIBARO | Walli Dimmer

White: FGWDEU-111

Anthracite: FGWDEU-111-8

Intelligent lighting dimmer with integrated light switch. Works with commercially available lighting source such as: LED diodes, compact lamps, traditional bulbs and halogen lamps. The device is equipped with automatic calibration functions and active power and energy measurement.

PRODUCT HIGHLIGHTS

- ⊘ Remote lighting management.
- ⊘ Light control via voice commands.
- ⊘ Adaptation of the LED ring to the user's preferences.
- ⊘ Notifications of failure of electrical devices.
- ⊘ Monitoring power and energy consumption.

FIBARO | Walli Dimmer

TECHNICAL DATA

Power Supply	110-230V~ 50/60 Hz
Recommended external overcurrent protection	10A type B circuit breaker (EU) 13A type B circuit breaker (Sweden)
Active element	semiconductor electronic switch
Recommended wires	1.5-4.0mm2
For installation in boxes	Ø = 60mm, depth ≥ 50mm
Operating temperature	0–35°C
Ambient humidity	10–95% RH without condensation
Compatible load types	Resistive loads Conventional incandescent and halogen light sources; Resistive-capacitive loads Fluorescent tube lamp (compact / with electronic ballast), electronic transformer, LED; Resistive-inductive loads Ferromagnetic transformers
Power Output	50-350W – resistive loads (incandescent and halogen); 50-300VA – resistive-capacitive loads (fluorescent tube lamp, electronic transformer, LED); 50-300VA – resistive-inductive loads (ferromagnetic transformers); 5-50W – with Bypass 2: fluorescent tube lamp or LED
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.85 MHz EU, 869.0 MHz RU
Range	up to 40m indoors (depending on terrain and building structure)
Dimensions (Length x Width x Height)	55 x 86 x 86 mm

UNIT PACKAGE

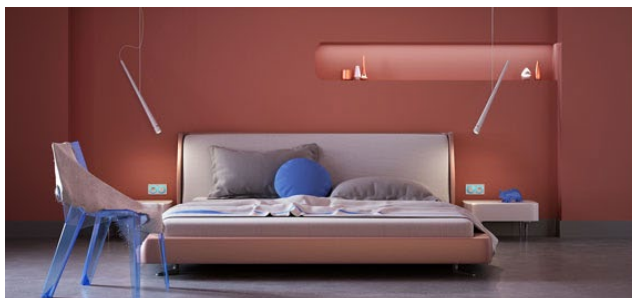|	
Weight	0.188 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	17 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

FIBARO | Walli Roller Shutter

White: FGWREU-111

Anthracite: FGWREU-111-8

Intelligent roller blinds controller that allows you to manage the gate, roller blinds, blinds and scenes with a single click.

PRODUCT HIGHLIGHTS

- ⊘ Several blinds and scenes management with just one click.
- ⊘ Remote control of curtains and blinds.
- ⊘ Management of blinds and roller blinds by voice commands.
- ⊘ Remote management of the garage door.
- ⊘ Adaptation of the LED ring to the user's preferences.
- ⊘ Monitoring power and energy consumption.

FIBARO | Walli Roller Shutter

TECHNICAL DATA

Power Supply	110-230V~ 50/60 Hz
Recommended external overcurrent protection	10A type B circuit breaker (EU) 13A type B circuit breaker (Sweden)
Active element	micro-gap relay μ
Required limit switches	electronic or mechanical
Recommended wires	cross-section area between 1.5-4.0mm2
For installation in boxes	Ø = 60mm, depth ≥ 40mm
Operating temperature	0–35°C
Ambient humidity	10–95% RH without condensation
Rated load current	4A – for motors with compensated power factor (inductive) 13A – for resistive loads
Compatible load types	single-phase AC motors resistive
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.85 MHz EU, 869.0 MHz RU
Range	up to 40m indoors (depending on terrain and building structure)
Dimensions (Length x Width x Height)	55 x 86 x 86 mm

UNIT PACKAGE

Weight	0.188 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	17 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

White: FGWSONE-011
Anthracite: FGWSONE-011-8

Single high quality power outlet equipped with one socket type E . Max load current is 16A.

PRODUCT HIGHLIGHTS

- ⊘ Easy assembly in a standard electrical box.
- ⊘ Perfect match with the mechanism and assembly in multiple frames with other products in the Walli line.

FIBARO | Walli N Outlet type E

TECHNICAL DATA

Power Supply	110-230V~ 50/60 Hz
Recommended wires	1.5-4.0mm2
For installation in boxes	Ø = 60mm depth ≥ 50mm
Operating temperature	0-40 °C
Ambient humidity	10–90% RH without condensation
Rated load	current 16A – resistive loads
Number of outputs	1
Dimensions (Length x Width x Height)	45 x 86 x 86 mm

UNIT PACKAGE

Weight	0.162 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	13 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

FIBARO | Walli N Outlet type F

White: FGWSONF-011
Anthracite: FGWSONF-011-8

Single high quality power outlet equipped with one
socket type F . Max load current is 16A.

PRODUCT HIGHLIGHTS

⊘ Easy assembly in a standard electrical box.

⊘ Perfect match with the mechanism and assembly in multiple frames with other products in the Walli line.

FIBARO | Walli N Outlet type F

TECHNICAL DATA

Power Supply	110-230V~ 50/60 Hz
Recommended wires	1.5-4.0mm2
For installation in boxes	Ø = 60mm depth ≥ 50mm
Operating temperature	0-40 °C
Ambient humidity	10–90% RH without condensation
Rated load	current 16A – resistive loads
Number of outputs	1
Dimensions (Length x Width x Height)	45 x 86 x 86 mm

UNIT PACKAGE

Weight	0.163 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	13 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

White: FGWU-021

Anthracite: FGWU-021-8

Socket with a double USB charger with a 2400mA charging current (total).

PRODUCT HIGHLIGHTS

- ⊘ 2 independent USB type A sockets for fast charging of devices
- ⊘ Easy assembly in a standard electrical box.
- ⊘ Perfect match with the mechanism and assembly in multiple frames with other products in the Walli line.

FIBARO | Walli N USB Outlet

TECHNICAL DATA

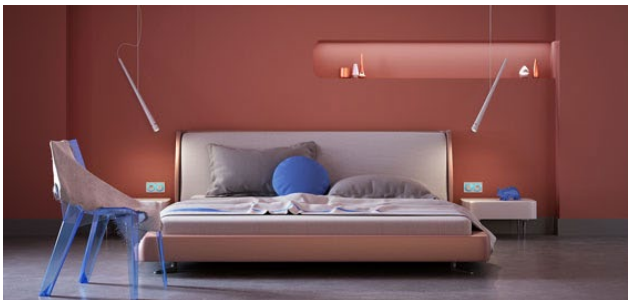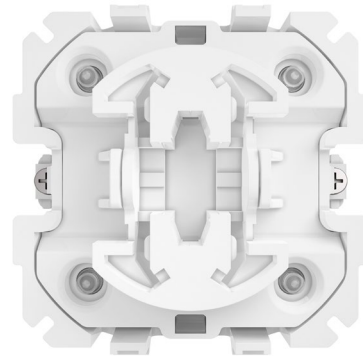|	
Power Supply	100-240V~ 50/60 Hz
Internal protection	output overvoltage protection short-circuits protection thermal shutdown
Electricity consumption in standby mode	max 0,3W
Recommended wires	1.5-4.0mm2
For installation in boxes	Ø = 60mm depth ≥ 40mm
Operating temperature	0-40 °C
Ambient humidity	0–90% RH without condensation
Output	2x5V DC max 2400mA total
Number of outputs	2
Dimensions (Length x Width x Height)	43 x 86 x 86 mm

UNIT PACKAGE

Weight	0.169 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	17 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

White: FGWTFEU-021

Anthracite: FGWTFEU-021-8

High quality tool-free TV-SAT socket with 2 SAT connectors and 1 TV connector.

PRODUCT HIGHLIGHTS

- ⊘ Simple toolless installation.
- ⊘ Low thickness of the mechanism which contributes to more space for wires.
- ⊘ Perfect match with the mechanism and assembly in multiple frames with other products in the Walli line.

FIBARO | Walli N TV-SAT Outlet

TECHNICAL DATA

Impedance of inputs/outputs	75Ω/75Ω
Shielding effectiveness	>85dB
For wire	inner wire Ø = 1.1mm and outer cable Ø = max 7mm
Remote converter power input	24V= / 500mA by SAT1 & SAT2
For installation in boxes	Ø = 60mm, depth ≥ 40mm
Number of outputs	2 x SAT socket (IEC 61169-24) 1 x RTV plug (IEC 61169-2)
Dimensions (Length x Width x Height)	40 x 86 x 86 mm

UNIT PACKAGE

Weight	0.169 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	17 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

White: FGWEEU-021

Anthracite: FGWEEU-021-8

Double Ethernet socket equipped with 2 RJ45 cat.6 sockets.

PRODUCT HIGHLIGHTS

- ⊘ Simple use with standard ethernet plugs.

- ⊘ Low thickness of the mechanism which contributes to more space for wires.

- ⊘ Perfect match with the mechanism and assembly in multiple frames with other products in the Walli line.

FIBARO | Walli N Ethernet Outlet

TECHNICAL DATA

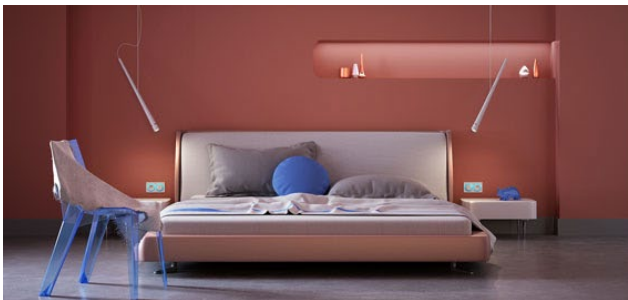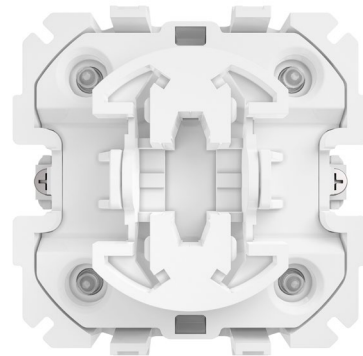|	
Type of connector	RJ45
Type of module	Keystone
Type of terminal	Krone
Category	cat.6
Impedance	100 Ω
For installation in boxes	Ø = 60mm depth ≥ 40mm
Number of outputs	2
Dimensions (Length x Width x Height)	40 x 86 x 86 mm

UNIT PACKAGE

Weight	0.122 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	17 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

FIBARO | Walli Switch Unit

Model: FG-WDSEU221-AS-8001

An intelligent switch unit integrated with the button used in a system with one or two independently controlled loads. Designed for quick installation in sockets with FIBARO mounting frames for Gira, Schneider, Legrand and selected fronts of these manufacturers. Equipped with a LED light and functionalities known from FIBARO modules.

PRODUCT HIGHLIGHTS

⊘ Devices and scenes management with just one click.

⊘ Remote management of electrical devices.

⊘ Device management via voice commands.

⊘ Adaptation of the device LED light to the user's preferences.

⊘ Notifications of failure of electrical devices.

⊘ Monitoring power and energy consumption.

FIBARO | Walli Switch Unit

TECHNICAL DATA

Power Supply	110-230V~ 50/60 Hz
Recommended external overcurrent protection	10A type B circuit breaker (EU) 13A type B circuit breaker (Sweden)
Active element	micro-gap relay μ
Recommended wires	1.5-4.0mm2
For installation in boxes	Ø = 60mm, depth ≥ 50mm
Operating temperature	0–35°C
Ambient humidity	10–95% RH without condensation
Rated load current	13A per one channel 16A total
Compatible load types	incandescent, tube laps, LED, electronic transformers, ferromagnetic transformers
Number of controlled loads	1/2 (default 2)
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.85 MHz EU, 869.0 MHz RU
Range	up to 40m indoors (depending on terrain and building structure)
Dimensions (Length x Width x Height)	42 x 50 x 51,5 mm

UNIT PACKAGE
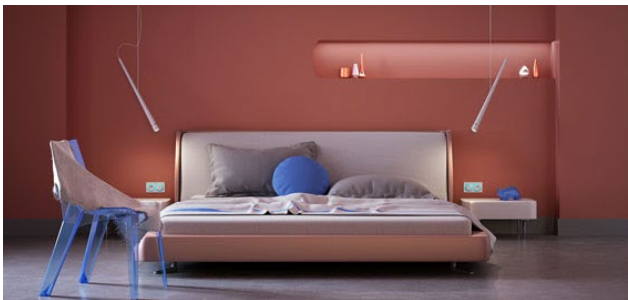
Weight	0.155 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	13 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

FIBARO | Walli Dimmer Unit

Model: FG-WDEU111-AS-8001

Intelligent lighting dimmer unit with integrated light switch. Works with commercially available lighting source such as: LED diodes, compact lamps, traditional bulbs and halogen lamps. The device is equipped with automatic calibration functions and active power and energy measurement. Designed for quick installation in sockets with FIBARO mounting frames for Gira, Schneider, Legrand and selected fronts of these manufacturers.

PRODUCT HIGHLIGHTS

- ⊘ Remote lighting management.
- ⊘ Light control via voice commands.
- ⊘ Adaptation of the device LED light to the user's preferences.
- ⊘ Notifications of failure of electrical devices.
- ⊘ Monitoring power and energy consumption.

FIBARO | Walli Dimmer Unit

TECHNICAL DATA

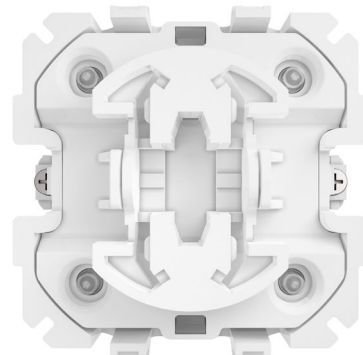|	
Power Supply	110-230V~ 50/60 Hz
Recommended external overcurrent protection	10A type B circuit breaker (EU) 13A type B circuit breaker (Sweden)
Active element	semiconductor electronic switch
Recommended wires	1.5-4.0mm2
For installation in boxes	Ø = 60mm, depth ≥ 50mm
Operating temperature	0–35°C
Ambient humidity	10–95% RH without condensation
Compatible load types	Resistive loads Conventional incandescent and halogen light sources; Resistive-capacitive loads Fluorescent tube lamp (compact / with electronic ballast), electronic transformer, LED; Resistive-inductive loads Ferromagnetic transformers
Power Output	50-350W – resistive loads (incandescent and halogen); 50-300VA – resistive-capacitive loads (fluorescent tube lamp, electronic transformer, LED); 50-300VA – resistive-inductive loads (ferromagnetic transformers); 5-50W – with Bypass 2: fluorescent tube lamp or LED
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.85 MHz EU, 869.0 MHz RU
Range	up to 40m indoors (depending on terrain and building structure)
Dimensions (Length x Width x Height)	42 x 50 x 51,5 mm

UNIT PACKAGE

Weight	0.135 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	13 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

FIBARO | Walli Roller Shutter Unit

Model: FG-WREU111-AS-8001

Intelligent roller blinds controller unit that allows you to manage the gate, roller blinds, blinds and scenes with a single click. Designed for quick installation in sockets with FIBARO mounting frames for Gira, Schneider, Legrand and selected fronts of these manufacturers.

PRODUCT HIGHLIGHTS

- ⊘ Several blinds and scenes management with just one click.
- ⊘ Remote control of curtains and blinds.
- ⊘ Management of blinds and roller blinds by voice commands.
- ⊘ Remote management of the garage door.
- ⊘ Adaptation of the device LED light to the user's preferences.
- ⊘ Monitoring power and energy consumption.

FIBARO | Walli Roller Shutter Unit

TECHNICAL DATA

Power Supply	110-230V~ 50/60 Hz
Recommended external overcurrent protection	10A type B circuit breaker (EU) 13A type B circuit breaker (Sweden)
Active element	micro-gap relay μ
Required limit switches	electronic or mechanical
Recommended wires	cross-section area between 1.5-4.0mm2
For installation in boxes	Ø = 60mm, depth ≥ 40mm
Operating temperature	0–35°C
Ambient humidity	10–95% RH without condensation
Rated load current	4A – for motors with compensated power factor (inductive) 13A – for resistive loads
Compatible load types	single-phase AC motors resistive
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.85 MHz EU, 869.0 MHz RU
Range	up to 40m indoors (depending on terrain and building structure)
Dimensions (Length x Width x Height)	42 x 50 x 51,5 mm

UNIT PACKAGE

Weight	0.150 kg
Length	11.5 cm
Width	7.5 cm
Height	14 cm
Pieces	1

COLLECTIVE PACKAGE

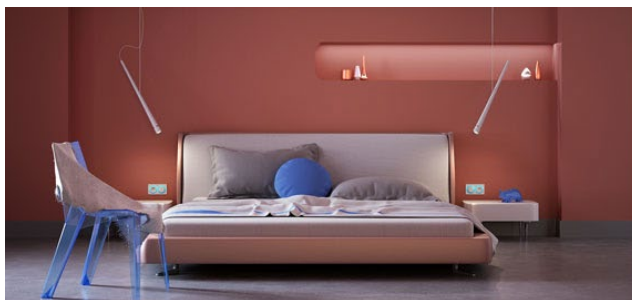|	
Weight	13 kg
Length	43 cm
Width	56 cm
Height	37 cm
Pieces	63

Model: FG-Wx-AS-4001

Mounting frame for Walli units installation with selected Gira fronts.
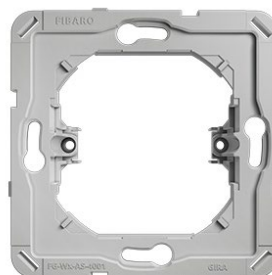
Model: FG-Wx-AS-4002

Mounting frame for Walli units installation with selected Legrand fronts.

Model: FG-Wx-AS-4003

Mounting frame for Walli units installation with selected Schneider fronts.

FIBARO | Single Cover Plate

White: FG-Wx-PP-0001
Anthracite: FG-Wx-PP-0001-8

Single cover plate for Walli devices.
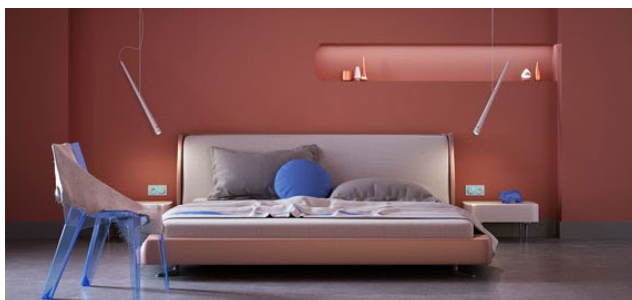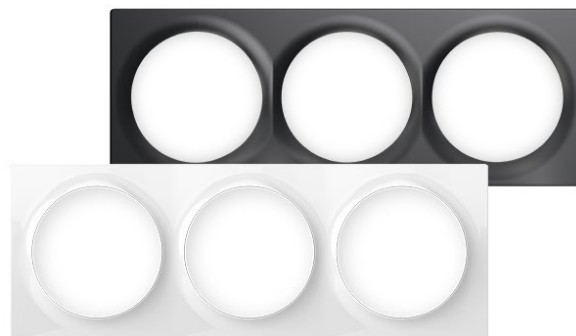
White: FG-Wx-PP-0003

Anthracite: FG-Wx-PP-0003-8

Double cover plate for Walli devices.
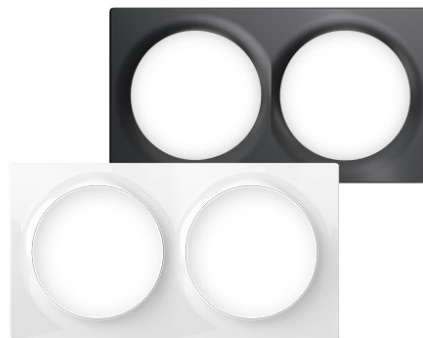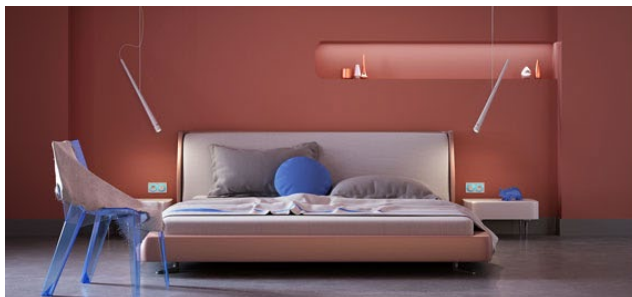
White: FG-Wx-PP-0004

Anthracite: FG-Wx-PP-0004-8

Triple cover plate for Walli devices.

White: FG-WDSEU221-AS-8100
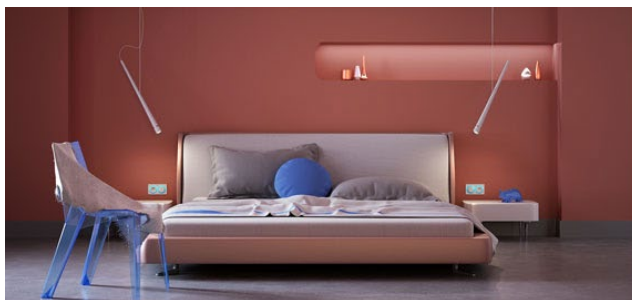
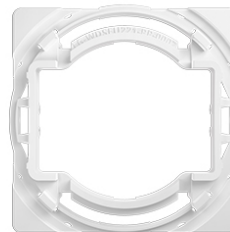**Anthracite: FG-WDSEU221-AS-8100-8**

Switch Button with lightguide for all FIBARO Walli fronts.

Model: FG-WDSEU221-PP-0007

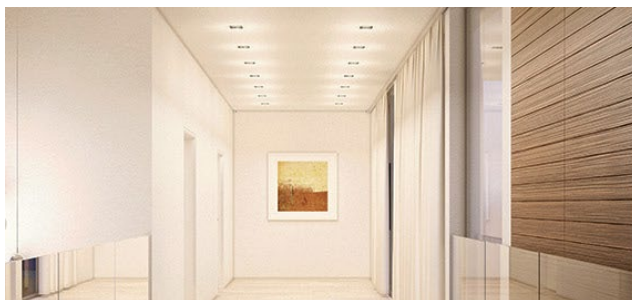Button adapter for selected Legrand and Gira fronts.

10-pack

FIBARO | Bypass 2

Model: FGB-002

FIBARO Bypass 2 is a device complementary to FIBARO Dimmer 2. Its installation makes possible to dim light sources with minimum power consumption, such as e.g. single 0.5 Watt LED. Please note it is possible to dim only light sources clearly marked as dimmable.

PRODUCT HIGHLIGHTS

- ⊘ Power source: 100-240V~ 50/60Hz,
- ⊘ Operating temperature: 0-35oC,
- ⊘ Power consumption: up to 1.4W,
- ⊘ Outside dimmensions (L x W x H) - 31mm x 21.6mm x 13mm.

UNIT PACKAGE

Weight	0.060 kg
Length	6.5 cm
Width	6.5 cm
Height	4.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	2 kg
Length	33.5 cm
Width	20.0 cm
Height	9.5 cm
Pieces	60

Model: IBT4ZWAVE

Nice BiDi-ZWave is an interface designed for simple installation in NICE control units. It allows for their easy integration with the FIBARO system. It offers the ability to control, report status and also sends diagnostic information.

PRODUCT HIGHLIGHTS

- ⊘ Compatible with Z-Wave and Z-Wave + controllers,
- ⊘ Supports protected mode (Z-Wave network security mode) with AES-128 encryption,
- ⊘ Uses the latest generation Z-Wave chip (ZW7),
- ⊘ Collects and provides diagnostic information,
- ⊘ Works with various NICE drives offered over the past 10 years.

FIBARO | Nice BiDi-ZWave

TECHNICAL DATA

Power Source	24V DC (supplied by the control unit)
Absorbed current	max 50mA
Operating temperature	- 20 °C ÷ +50 °C
Radio protocol	Z-Wave (700 series chip)
Radio frequency	868.0 - 868.6; 869.7 - 870.0 MHz
Internal antenna max. transmit power	10dBm
Outside dimmensions (L x W x H)	37mm x 28mm x 21mm
Protection rating (IP)	40

UNIT PACKAGE

Weight	0.035 kg
Length	8.2 cm
Width	8.2 cm
Height	3.5 cm
Pieces	1

COLLECTIVE PACKAGE

Weight	0.771 kg
Length	42 cm
Width	26 cm
Height	10 cm
Pieces	22

Contact Us

TRANTECH

FIBARO Distributor

HEADQUARTERS
Address: 26 Davies Avenue, North
Sunshine, VIC 3020

Tel: (03) 9079 5566

SHOWROOM
Address: Unit 42/575 Woodville
Road, Guildford, NSW 2161

Tel: (02) 8722 0348

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Thank You!

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