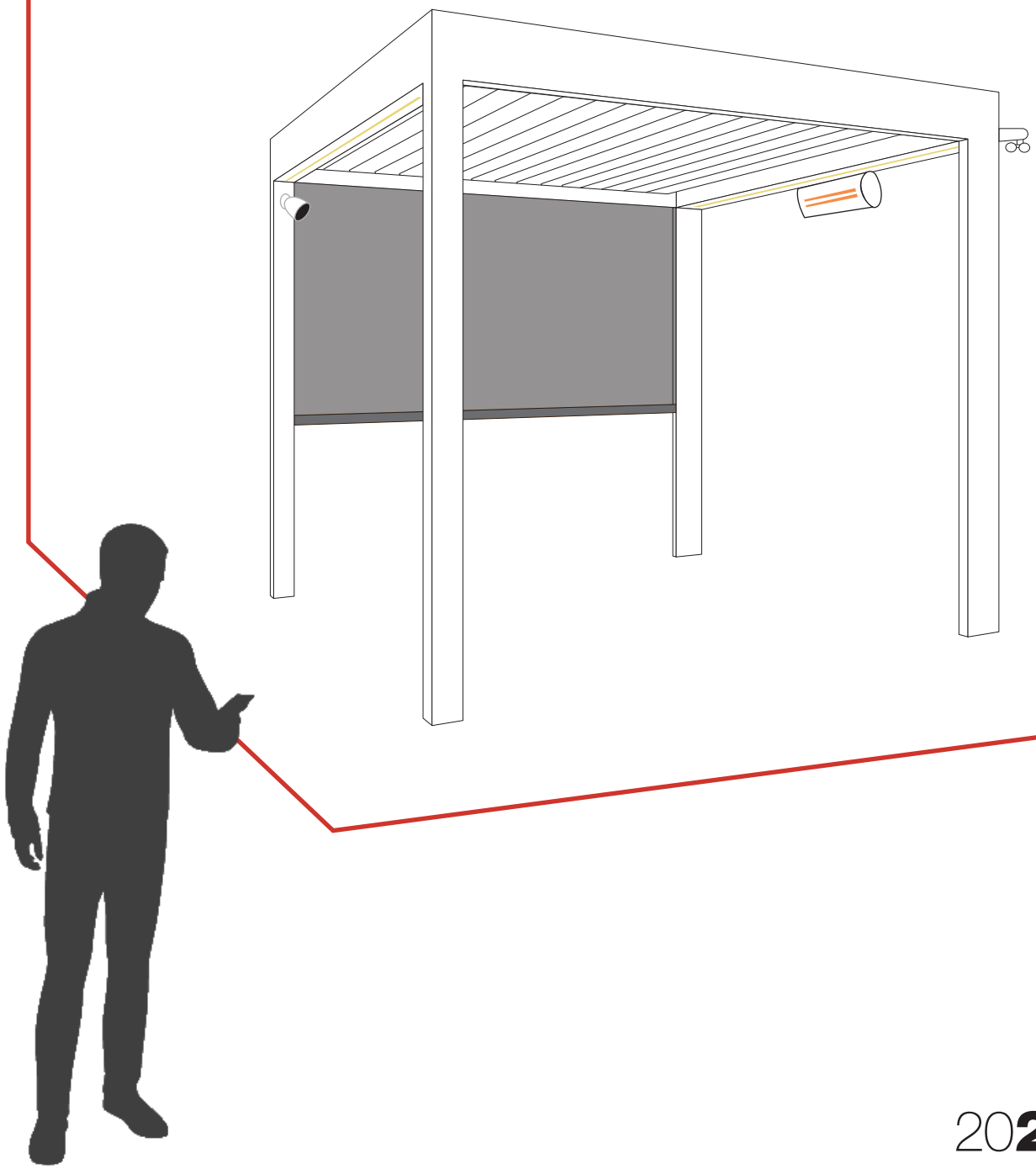
NEXTA
TECH

SMART **TECHNOLOGIES** FOR **PERGOLA** SYSTEMS

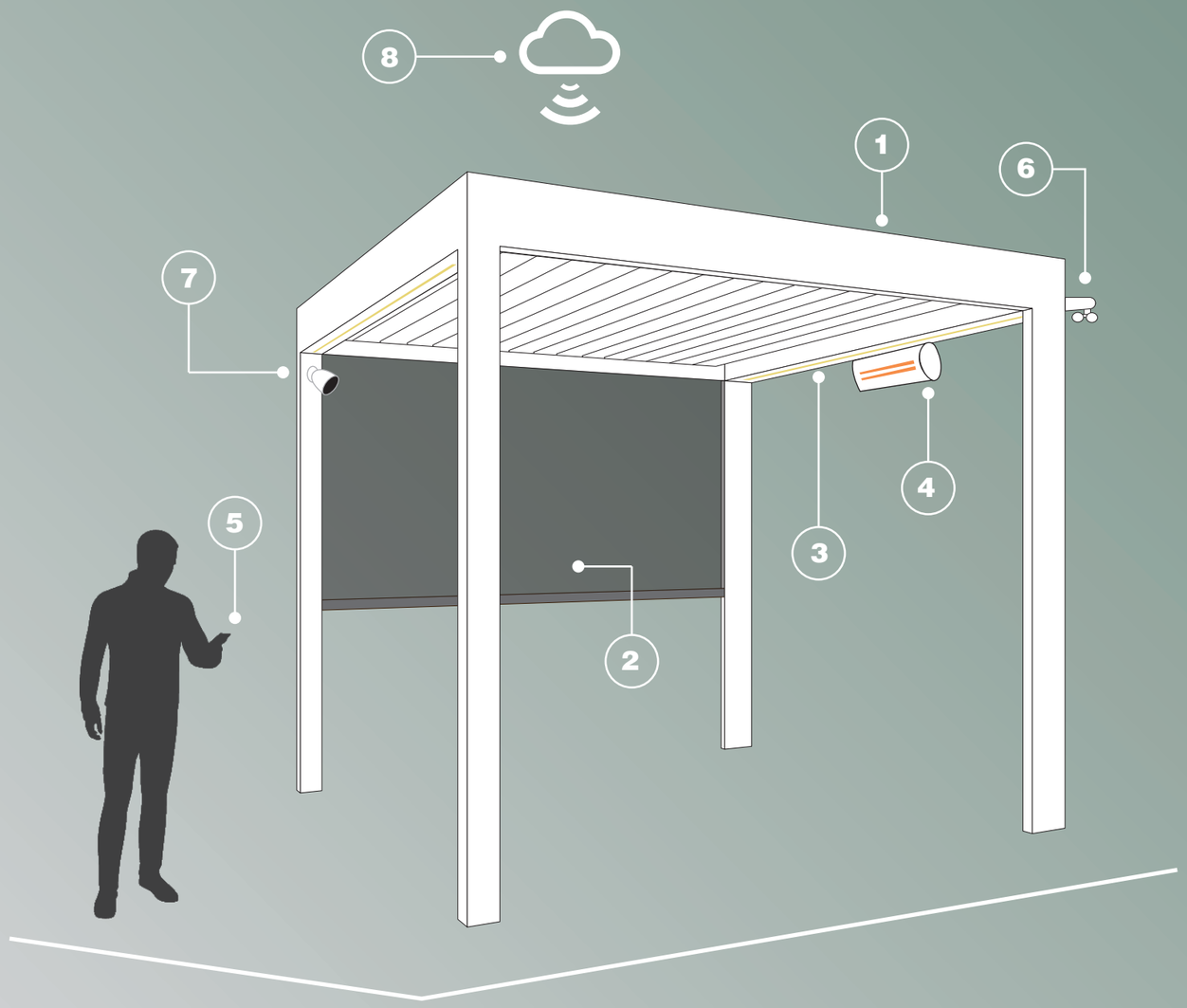


2021

NEXTA
TECH

Pergola system
Wireless and Smart

Complete range of product for the automation of pergolas and winter gardens.
Control of motorised pergola roof and screens, lighting and heating control by wireless technologies RF and Smart WiFi, with cutting edge remote controls, sensors and Smartphone App for managing the system from wherever you are.



1. Motorised pergola roof control

Page 6

2. Vertical screens control

Page 12

3. Lighting control

Page14

4. Heaters control

Page 18

5. Multi-function Remote controls

Page 20

6. Weather sensors

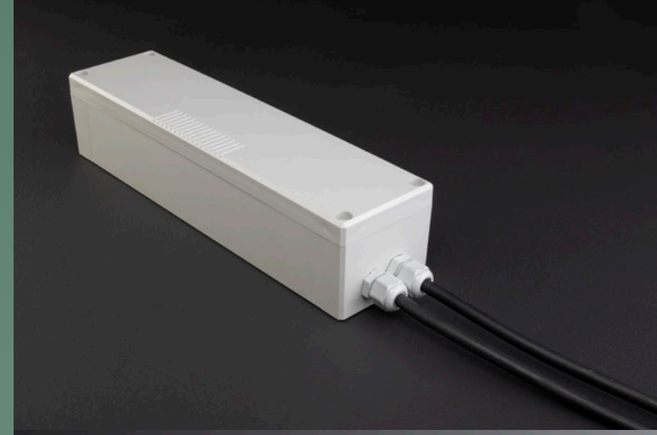
Page 26

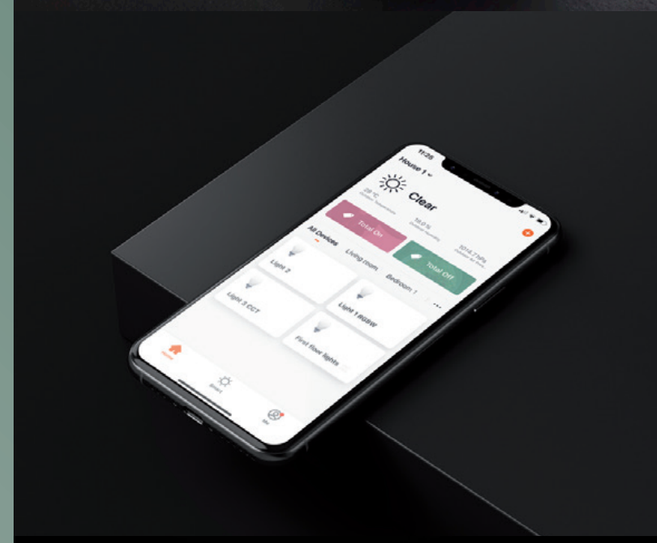
7. Wi-Fi Video control

Page 28

8. Smartphone control

Page 30

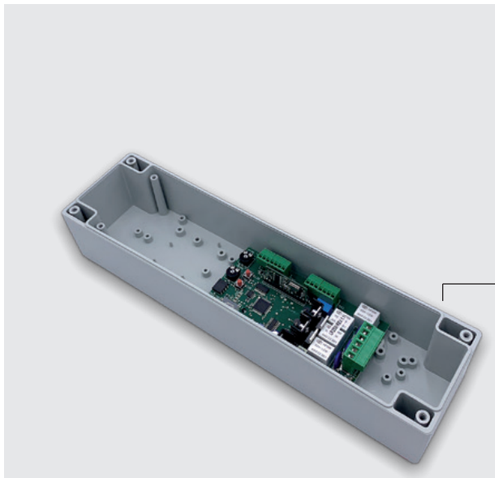


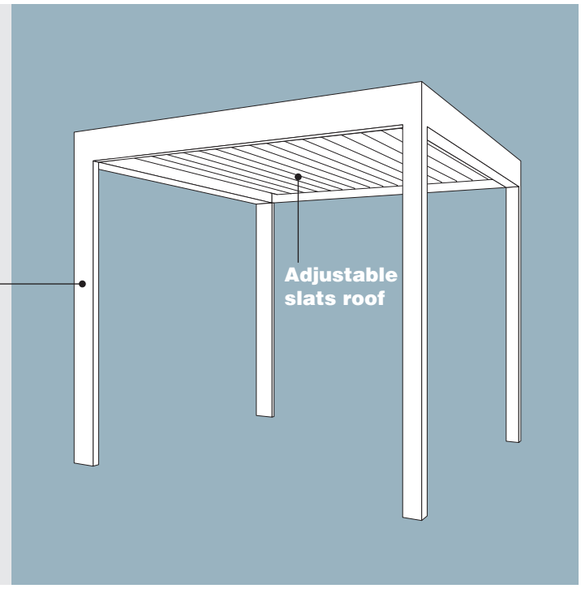


PRG
Control unit for adjustable slats

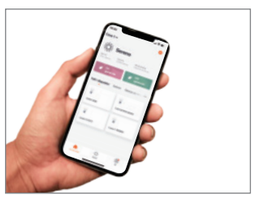
PRG - WIRELESS AND SMART

Control unit for 1 or 2 linear 24V motors for moving adjustable slats. Integrated radio receiver and WiFi module for the wireless command with a single remote controls, Smartphone App and weather sensors. Sturdy IP55 plastic box for an easy integration within the pergola structure.

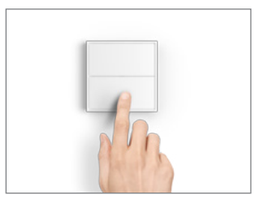




Control accessories and sensors



Smart control. Page 30



Remote controls. Page 20

Sensors. Page 26

Power supply units. Page 32

PRG
Control unit for adjustable slats

AVAILABLE VERSIONS

PRG-M24

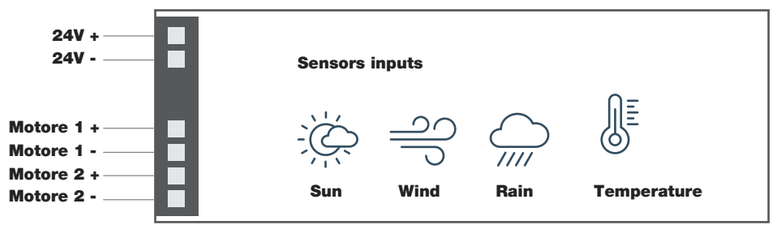
Control unit for 1 or 2 linear 24V motors for moving adjustable slats. Integrated radio receiver 433,92MHz, 2 wired inputs for push-button command. Inputs for sun, rain, wind and temperature sensors. 24V Power supply.

PR-M24/One

Control unit for 1 or 2 linear 24V motors for moving adjustable slats. Integrated radio receiver 433,92MHz, 2 wired inputs for push-button command, Smartphone control with WiFi-Cloud technology. Inputs for sun, rain, wind and temperature sensors.
24V Power supply.

Code	PRG-M24	PRG-M24/ONE
Power supply	24 Vdc	24 Vdc
Motors	2 x Max 100W	2 x Max 100W
Command inputs	2 NO Push buttons	2 NO Push buttons
Wired weather sensors	Wind or Sun	Wind or Sun
	Rain - Snow	Rain - Snow
Radio frequency	433.920 MHz ISM	433.920 MHz ISM
Wireless Smart	-	WiFi 2,4GHz
Remote smart control	-	App OneSmart
IP protection	IP55	IP55
Working temperature	-20 +55 °C	-20 +55 °C
Dimensions	310x70x80 mm	310x70x80 mm

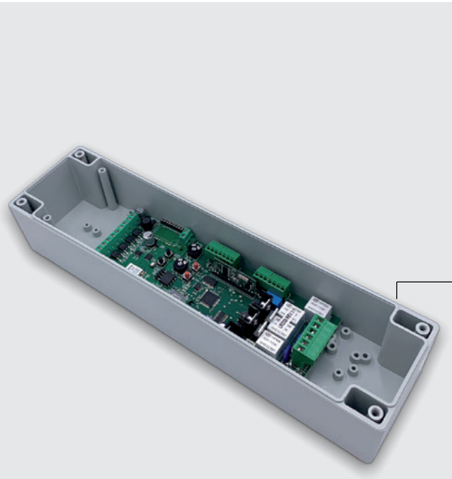
CONNECTIONS

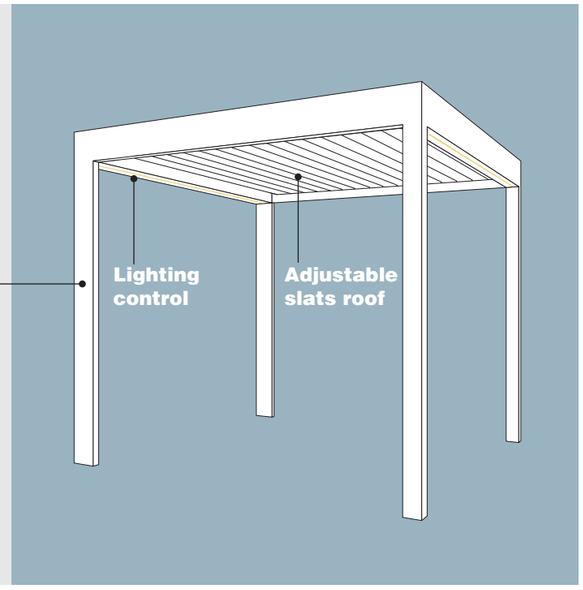


PRG
Control unit for adjustable slats and lights

PRG - WIRELESS AND SMART

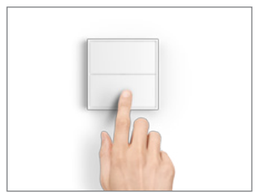
Control unit for lights and 1 or 2 linear 24V motors for moving adjustable slats. Integrated radio receiver and WiFi module for the wireless command with a single remote controls, Smartphone App and weather sensors. Sturdy IP55 plastic box for an easy integration within the pergola structure.





Control accessories and sensors

Smart control. Page 30



Remote controls. Page 20

Sensors. Page 26

Power supply units. Page 32

PRG
Control unit for adjustable slats and lights

AVAILABLE VERSIONS

PRG-ML24

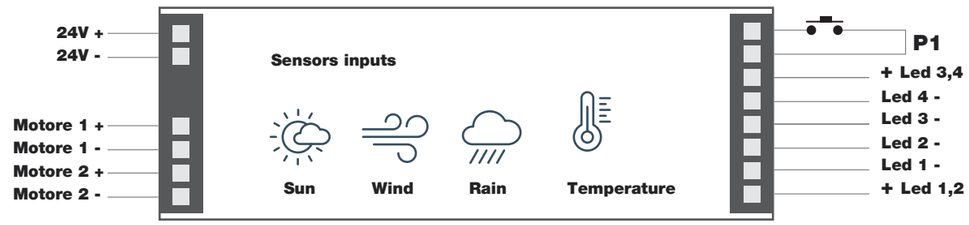
Control unit for 1 or 2 linear 24V motors for moving adjustable slats and 4 single or synchronized Led lights 24V withOn-Off-Dimmer function. Integrated radio receiver 433,92MHz, 2 wired inputs for push-button command. Inputs for sun, rain, wind and temperature sensors. 24V Power supply.

PRG-ML24/One

Control unit for 1 or 2 linear 24V motors for moving adjustable slats and 4 single or synchronized Led lights 24V withOn-Off-Dimmer function. Integrated radio receiver 433,92MHz, 2 wired inputs for push-button command, Smartphone control with WiFi-Cloud technology. Inputs for sun, rain, wind and temperature sensors.
24V Power supply.

Code	**PRG-ML24**	**PRG-ML24/ONE**
Power supply	24 Vdc	24 Vdc
Motors	2 x Max 100W	2 x Max 100W
Led lights	24 Vdc Max 120W/output	24 Vdc Max 120W/output
	Max 240W on 4 outputs	Max 240W on 4 outputs
	Function On-Off-Dimmer	Function On-Off-Dimmer
Command inputs	2 NO push buttons	2 NO push buttons
Wired weather sensors	Wind or Sun	Wind or Sun
	Rain - Snow	Rain - Snow
Radio frequency	433.920 MHz ISM	433.920 MHz ISM
Wireless Smart	-	WiFi 2,4GHz
Remote smart control	-	App OneSmart
IP Protection	IP55	IP55
Working temperature	-20 +55 °C	-20 +55 °C
Dimensions	310x70x80 mm	310x70x80 mm

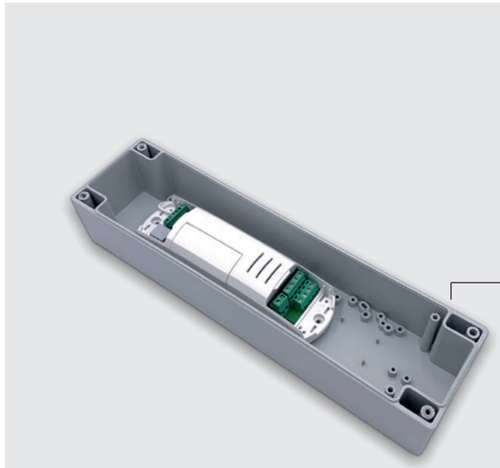
CONNECTIONS

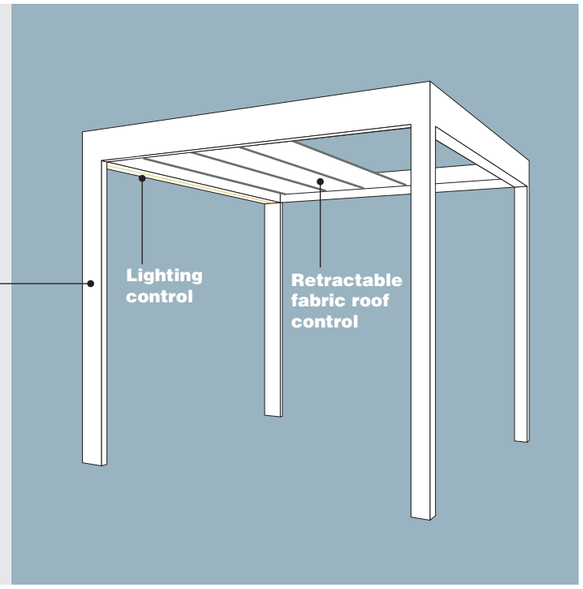


SCREEN
Control units for retractable fabric roof

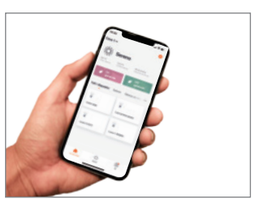
PRG - WIRELESS AND SMART

Control unit for lights and 1 230V motorfor moving retractable fabric roof. Integrted radio receiver and WiFi module for the wireless command with a single remote controls, Smartphone App and weather sensors. Sturdy IP55 plastic box for an easy integration within the pergola structure.

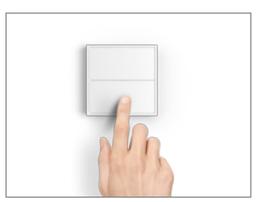




Control accessories and sensors



Smart control. Page 30



Remote controls. Page 20

Sensors. Page 26

Power supply units. Page 32

SCREEN
Control units for retractable fabric roof

AVAILABLE VERSIONS

SCREEN-ML

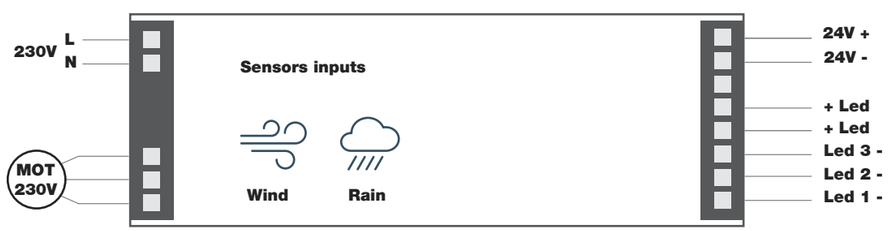
Control unit for 1 tubular 230V V motor for moving a retractable fabric roof and 3 single or synchronized Led lights 24V withOn-Off-Dimmer function. Integrated radio receiver 433,92MHz and inputs for rain and wind sensors. 230V Power supply.

SCREEN-ML/ONE

Control unit for 1 tubular 230V V motor for moving a retractable fabric roof and 3 single or synchronized Led lights 24V withOn-Off-Dimmer function. Integrated radio receiver 433,92MHz, Smartphone control with WiFi-Cloud technology. Inputs for rain and wind sensors. 230V Power supply.

Code	SCREEN-ML	SCREEN-ML/ONE
Power supply	230 Vac	230 Vac
Motors	1 x Max 1000W	1 x Max 1000W
Led lights	24 Vdc Max 120W/output	24 Vdc Max 120W/output
	Max 240W on 3 outputs	Max 240W on 3 outputs
	Function On-Off-Dimmer	Function On-Off-Dimmer
Command inputs	-	-
Wired weather sensors	Wind - Rain	Wind - Rain
Radio frequency	433.920 MHz ISM	433.920 MHz ISM
Wireless Smart	-	WiFi 2,4 GHz
Remote smart control	-	App OneSmart
IP Protection	IP55	IP55
Working temperature	-20 +55 °C	-20 +55 °C
Dimensions	310x70x80 mm	310x70x80 mm

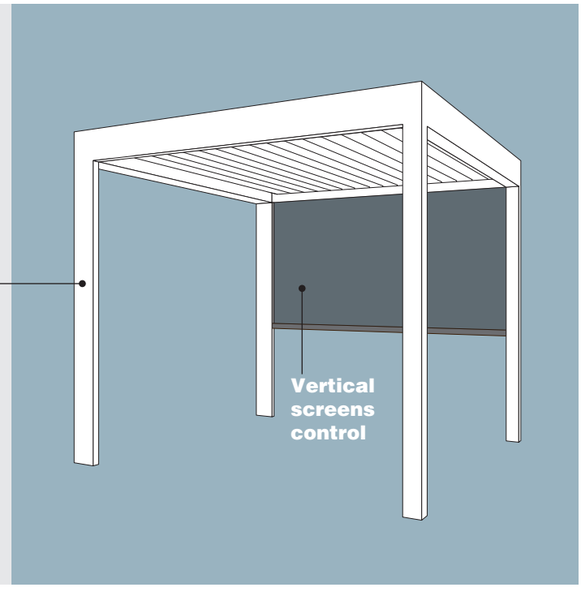
CONNECTIONS



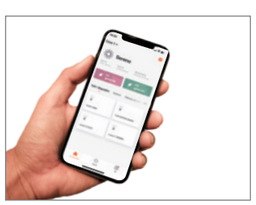
SCREEN
Control units for vertical screens

SCREEN - WIRELESS AND SMART

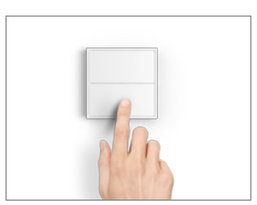
Control unit for 4 230V motors for moving vertical screens. Integrated radio receiver and WiFi module for the wireless command with a single remote controls, Smartphone App and weather sensors. Sturdy IP55 plastic box for an easy integration within the pergola structure.



Control accessories and sensors



Smart control. Page 30



Remote controls. Page 20

Sensors. Page 26

SCREEN
Control units for vertical screens

AVAILABLE VERSIONS

SCREEN-M400

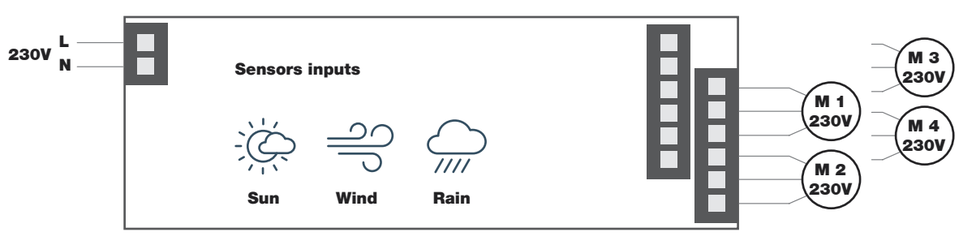
Control unit for 4 tubular 230V motors. Integrated radio receiver 433,92MHz, 1 wired input for push-button command. Inputs for sun, rain and wind sensors. 230V Power supply.

SCREEN-M400/ONE

Control unit for 4 tubular 230V motors. Integrated radio receiver 433,92MHz, 1 wired input for push-button command, Smartphone control with WiFi-Cloud technology. Inputs for sun, rain and wind sensors. 230V Power supply.

Code	SCREEN-M400	SCREEN-M400/ONE
Power supply	230 Vac	230 Vac
Motors	4 x Max 500W.	4 x Max 500W.
Command inputs	1 NO Push button	1 NO Push button
Wired weather sensors	Wind - Sun -Rain	Wind - Sun -Rain
Radio frequency	433.920 MHz ISM	433.920 MHz ISM
Wireless Smart	-	WiFi 2,4GHz
Remote smart control	-	App OneSmart
IP protection	IP55	IP55
Working temperature	-20 +55 °C	-20 +55 °C
Dimensions	310x70x80 mm	310x70x80 mm

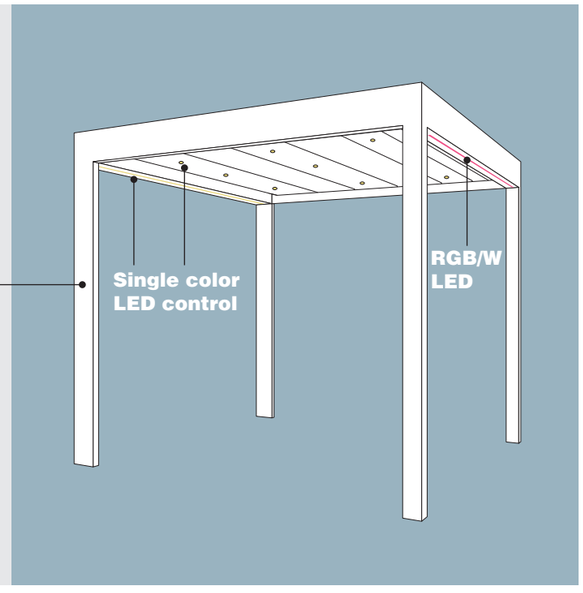
CONNECTIONS



LEDBOX
Power supply and control Led 24V

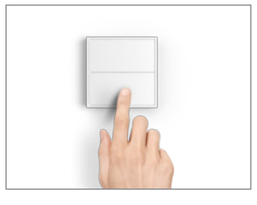
LEDBOX - LED CONTROL

Control unit with integrated power supply for the control of 24V LEDs in constant voltage. With a simple programming it is possible to set the desired operating mode: Dimmer for white / single color LEDs, CCT, RGB and RGBW for the management of the temperature and color of the light. Integrated radio receiver and WiFi module for a wireless control via radio remote controls and remotely with smartphone.



Control accessories

Smart control. Page 30



Remote controls. Page 20

LEDBOX
Power supply and control Led 24V

AVAILABLE VERSIONS

LB-50/One

Control unit for 24Vdc LEDs, 4 outputs with settable mode for white or single-color LEDs, CCT, RGB and RGBW. 433.92MHz radio receiver. 1 wired input settable as button or switch. Integrated WiFi module for remote control via OneSmart App and voice control. Integrated power supply, max 50W.

LB-DIM50/One

Control unit for 4 single or synchronized Led lights 24V withOn-Off-Dimmer function. 433.92MHz radio receiver. 1 wired input settable as button or switch. Integrated WiFi module for remote control via OneSmart App and voice control. Integrated power supply, max 50W.

LB-100/One

Control unit for 24Vdc LEDs, 4 outputs with settable mode for white or single-color LEDs, CCT, RGB and RGBW. 433.92MHz radio receiver. 1 wired input settable as button or switch. Integrated WiFi module for remote control via OneSmart App and voice control. Integrated power supply, max 100W.

LB-DIM100/One

Control unit for 4 single or synchronized Led lights 24V withOn-Off-Dimmer function. 433.92MHz radio receiver. 1 wired input settable as button or switch. Integrated WiFi module for remote control via OneSmart App and voice control. Integrated power supply, max 100W.

LB-150/One

Control unit for 24Vdc LEDs, 4 outputs with settable mode for white or single-color LEDs, CCT, RGB and RGBW. 433.92MHz radio receiver. 1 wired input settable as button or switch. Integrated WiFi module for remote control via OneSmart App and voice control. Integrated power supply, max 150W.

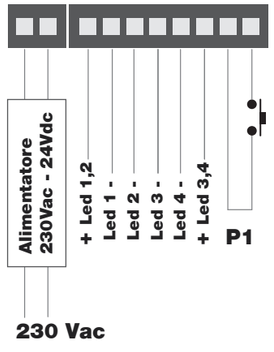
LB-DIM150/One

Control unit for 4 single or synchronized Led lights 24V withOn-Off-Dimmer function. 433.92MHz radio receiver. 1 wired input settable as button or switch. Integrated WiFi module for remote control via OneSmart App and voice control. Integrated power supply, max 150W.

Code	LB-50 / -100 / -150 /ONE	LB-DIM 50/-100/-150/ONE
Power supply	230 Vac	230 Vac
Integrated power supply	50 W / 100W / 150W	50 W / 100W / 150W
Load	Led 24 Vdc Max 50W	Led 24 Vdc Max 50W
Settable function	Dimmer 1 output, CCT, RGB/W	Dimmer 1,2,3,4 outputs
Inputs	1 NO push button	1 NO push button
No. Prog. transmitters	30	30
Radio Frequency	433.920 MHz ISM	433.920 MHz ISM
WiFi Frequency	WiFi 2,4GHz	WiFi 2,4GHz
Smart remote control	App OneSmart	App OneSmart
Voice Control	Google home	Google home
	Alexa Amazon	Alexa Amazon
IP protection	IP54	IP54
Operating Temperature	-20 +55 °C	-20 +55 °C
Dimensions	310x70x80 mm	310x70x80 mm

To order the radio versions without Smart WiFi, remove “/ONE” from the code

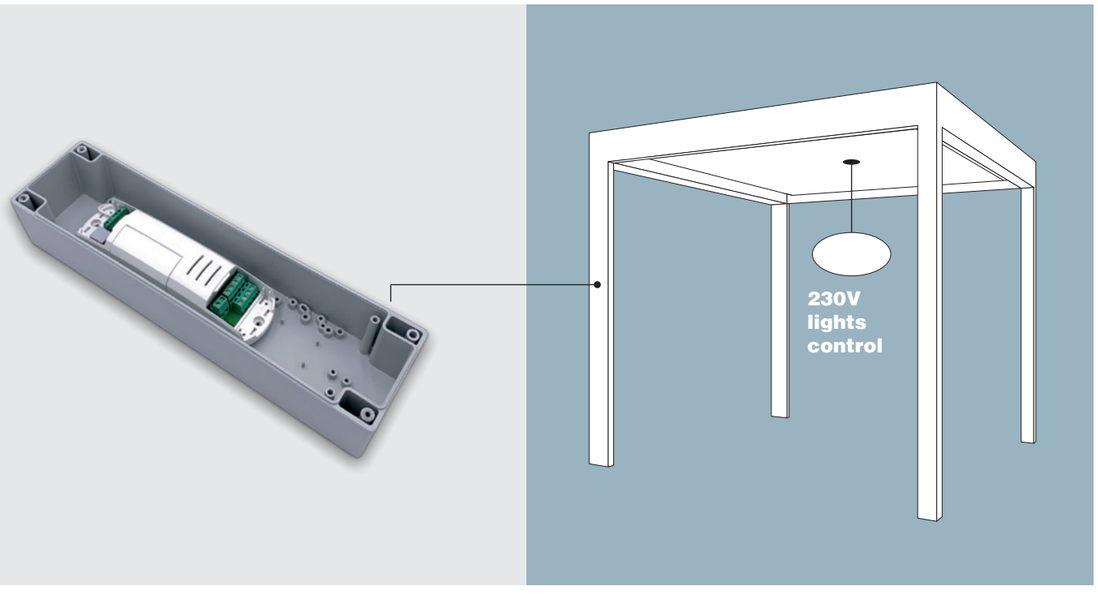
CONNECTIONS



LEDBOX
230V lights control

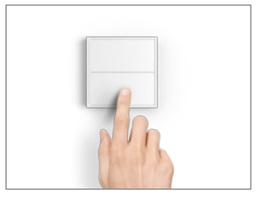
LEDBOX PER LUCI 230V

Control units for 230V lights. Integrated radio receiver and WiFi module for the wireless command with a single remote controls, Smartphone App and weather sensors. Sturdy IP55 plastic box for an easy integration within the pergola structure.



Control accessories

Smart control. Page 30



Remote controls. Page 20

LEDBOX
230V lights control

AVAILABLE VERSIONS

LB-L400/ONE

Control unit with On-Off function for 4 lights 230V-max 500W each. Integrated radio receiver 433,92MHz, 1 wired input for push-button command, Smartphone control with WiFi-Cloud technology. 230V Power supply.

LBS-DM/ONE

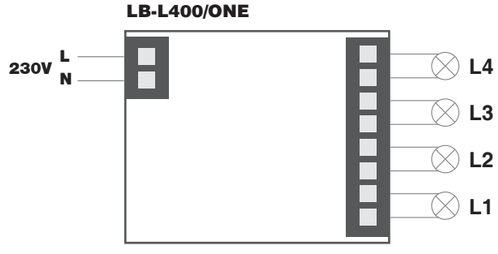
Control unit with dimmer function for one 230V dimmable light with maximum power 150W. Integrated radio receiver 433,92MHz, 1 wired input for push-button command, Smartphone control with WiFi-Cloud technology. 230V Power supply.

Code	**LB-L400/ONE**	**LBS-DM/ONE**
Power supply	230 Vac	230 Vac
Load	4 x 230V	Dimmable 230V Led light
Settable function	500W per output	min 4W - Max 150W
Inputs	1 NO push button	1 NO push button
No. Prog. transmitters	30	30
Radio Frequency	433.920 MHz ISM	433.920 MHz ISM
WiFi Frequency	WiFi 2,4GHz	WiFi 2,4GHz
Smart remote control	App OneSmart	App OneSmart
Voice Control	Google home	Google home
	Alexa Amazon	Alexa Amazon
IP protection	IP55	IP55
Operating Temperature	-20 +55 °C	-20 +55 °C
Dimensions	310x70x80 mm	155x62x31 mm

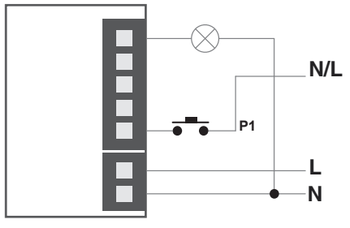
To order the radio versions without Smart WiFi, remove “/ONE” from the code

CONNECTIONS

LB-L400/ONE



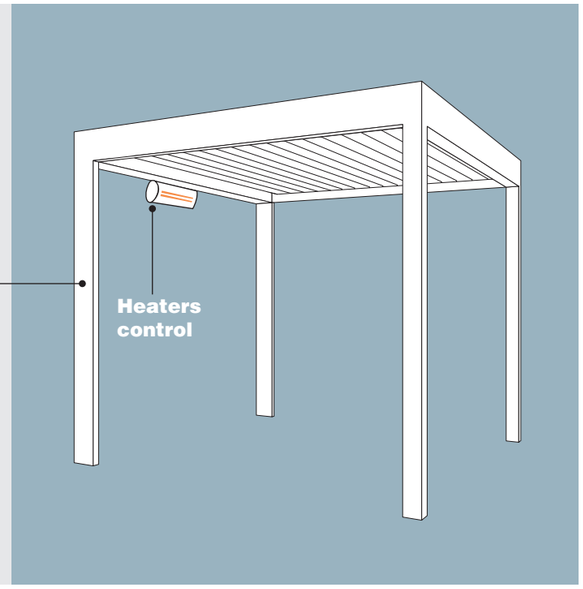
LBS-DM/ONE



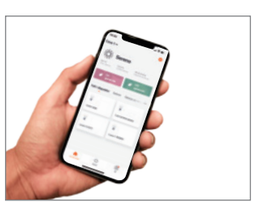
LB-L2
Control units for heaters

LB-L2 - WIRELESS AND SMART

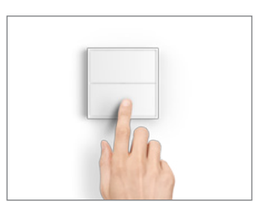
Control unit for 2 heaters with maximum power 3000W each. Integrated radio receiver and WiFi module for the wireless command with a single remote controls, Smartphone App and weather sensors. Sturdy IP55 plastic box for an easy integration within the pergola structure.



Control accessories



Smart control. Page 30



Remote controls. Page 20

LB-L2
Control units for heaters

AVAILABLE VERSIONS

LB-L2

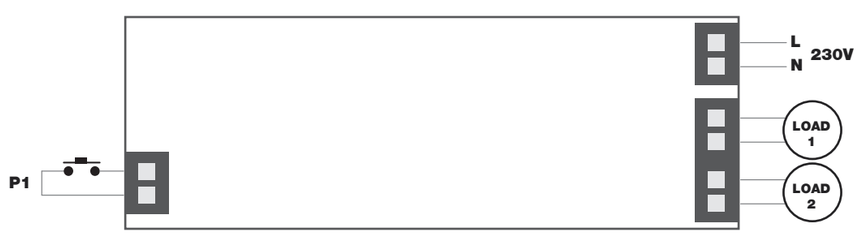
Control units for 2 heaters 230V-Max 3000W/each. Integrated radio receiver 433,92MHz and 1 wired input for push-button command. 230V Power supply. .

LB-L2/ONE

Control units for 2 heaters 230V-Max 3000W/each. Integrated radio receiver 433,92MHz, 1 wired input for push-button command, Smartphone control with WiFi-Cloud technology. 230V Power supply.

Code	SCREEN-M400	SCREEN-M400/ONE
Power supply	230 Vac	230 Vac
Load	2 x Max 3000W.	2 x Max 3000W.
Wired input	1 NO push button	1 NO push button
Radio frequency	433.920 MHz ISM	433.920 MHz ISM
Wireless Smart	-	WiFi 2,4GHz
Remote smart control	-	App OneSmart
IP protection	IP55	IP55
Working temperature	-20 +55 °C	-20 +55 °C
Dimensions	310x70x80 mm	310x70x80 mm

CONNECTIONS



HOBLO
Portable multi-function remote control

WIRELESS COMMAND

Multifunctional remote control for controlling, singularly or in a group, up to 30 devices. One single remote for managing all the pergola system, thanks to the double display with 7 segments it's possible to select each device easily. Hoblo 80 has a very robust design and is easy to use thanks to its aluminium alloy structure, the shock-proof polycarbonate plastic parts, and the magnetic support on the wall.

Dimensions: Diameter 80 mm x h 13 mm. Battery : CR2450. Radio range: 60 m in open space, 30 m inside the buildings.

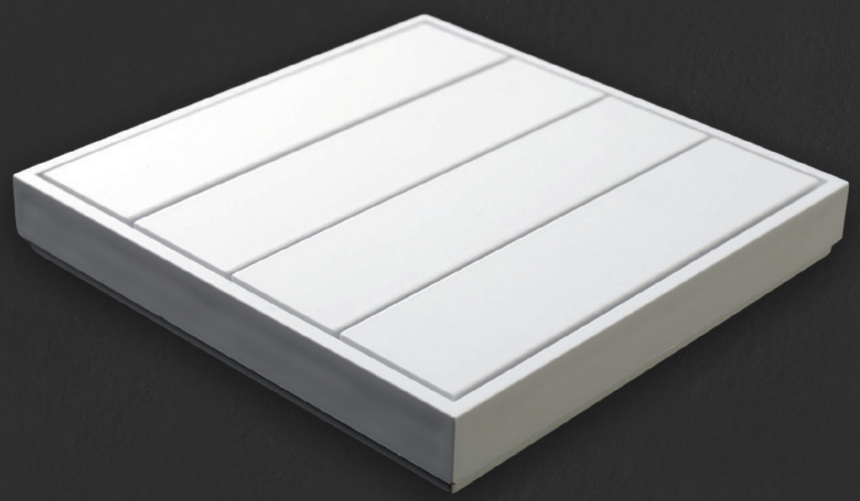
HOBLO
Portable multi-function remote control

HB80-PRG200

Remote control for motorised roof I ( ), Lights ( ), motorised vertical screens ( ) and heaters ( )
By the Display it's possible to select the control of one or more motors , one or more lighting lines (L1, L2, L3...), one or more vertical screens and one or more heaters. It's also possible activate or deactivate the weather sensors.
In the set-up phase it's possible to programm the numbers of motors, lights, screens and heaters to control in order to visualize only the exact number of device to manage.

KEY BUTTON	ROOF MODE	LIGHT MODE	SCREEN MODE	HEATER MODE
+		Device selection +		
%	Partial opening	Dimmer by step (25-50-75-100%)	-	-
▲	Opening	Dimmer UP	Opening UP	On
▼	Closing	Dimmer Down	Closing DOWN	Off
□	Stop	On-Off	Stop	On-Off
−		Device selection -		

OPTIMA
Wall remote control



WIRELESS COMMAND

Wall radiotransmitter available in 3 versions and 2 type of power supply: by battery with surface mounting and by main 230V for recessed electric box. Minimal and posh design for a perfect integration in any environment, it's built with mechanical sturdy push buttons that can be activacted pushing any point of their area..

OPTIMA
Wall remote control

OPT-2G

Rolling Code 433,92MHz radiotransmitter,
2 buttons with selectable function.
Battery CR2450

OPT-2G/PW

230Vac power supply version

OPT-4G

Rolling Code 433,92MHz radiotransmitter,
4 buttons with selectable function.
Battery CR2450

OPT-4G/PW

230Vac power supply version

OPT-8G

Rolling Code 433,92MHz radiotransmitter,
8 buttons with selectable function.
Battery CR2450

OPT-8G/PW

230Vac power supply version

BY BATTERY OR 230V POWER SUPPLY

Dimensions: 80 x 80 mm x h 11 mm.

Battery : CR2450.

Range: 60 m in open spaces, 30m inside the buildings

LINEA-4R
Portable remote control

WIRELESS COMMAND

Four channels 433,92MHz remote control with Rolling Code technology. Minimal ultra-thin design with 2 color versions: dark gray and white. Linea is compatible with all the Nexta tech control units, during the pairing procedure with the receiver it's possible to chose the function of each button.

LINEA-4R
Portable remote control

LINEA-4R

Rolling Code 433,92MHz radiotransmitter,
4 buttons with selectable function.
Battery CR2032. Color dark gray.

LINEA-4R/W

Rolling Code 433,92MHz radiotransmitter,
4 buttons with selectable function.
Battery CR2032. Color white.

POCKET-SIZE DESIGN

Dimensions: 36 x 71 mm, height 8 mm

Battery : CR2032 - Battery life 4 years

Range: 80 m in open space, 30 m inside the buildings

METEO
Weather sensors

SAFETY AND COMFORT

Weather sensor for an automatic and safe functioning of the motorised roofs and vertical screens.

The wired connection with the control units allows precise and reliable commands.

METEO
Weather sensors

MT-W

Anemometer. Wind speed sensor with wired contact 200mA 100Vdc. Max lenght connection cable 4m.

MT-R

Wired rain sensor with heating function, power supply 230Vac.

MT-WS

Anemometer and sun sensor. SWind speed sensor with wired contact 200mA 100Vdc and light sensor. Power supply 12-24Vdc.

MT-T100

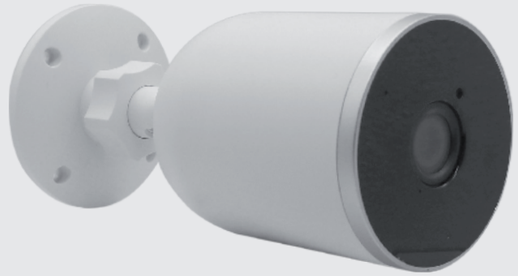
Temperature sensor, cable lenght 100 cm. In combination with the rain sensor detects ice and snow.

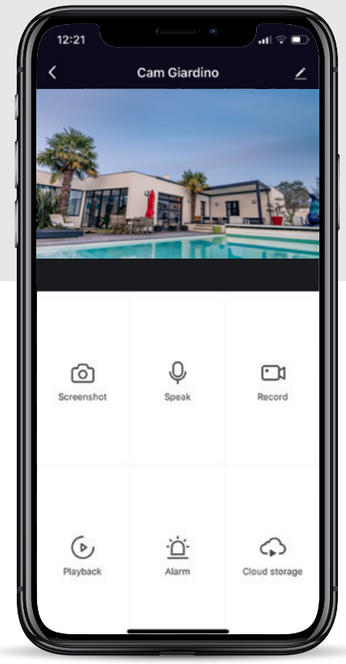
CAM
Smart camera

OUTDOOR VIDEO CONTROL

Adjustable camera with IP technology and WiFi connection, view what happens at any time, record on SD card or Cloud, send notifications when it detect a movement and, in combination with other OneSmart devices, create automations such as turning on garden lights when there is someone in the concerned area or in a specific time slot.

CAM
Smart camera





Cam 200

IP camera with adjustable bracket and 5V - 1A power supply on IP 67 plastic box.

Technical data

Code	**CAM200**
Power supply	5V - 1A
Night vision range	8-10 meters
Minimum brightness	0,01 Lux
Graphic resolution	1080P / 2M
Pixels	1920 x 1080 P
Image rotation	Yes
Audio	Integrated microphone + speaker
WiFi frequency	WiFi 2,4GHz
Protocols	IP, TCP, DHCP, WPS
Smart control remotely	App OneSmart
Streaming video	Yes, free
SD card recording mode	Yes - SD card noi included
Cloud recording mode	Yes, under subscription
Motion sensor	Yes
Notification	Push - 1 min delay
IP level	IP 66
Operating temperature	-20 +55 °C
Dimensions	80x80x16 mm

Download on the App Store

ANDROID APP ON Google play

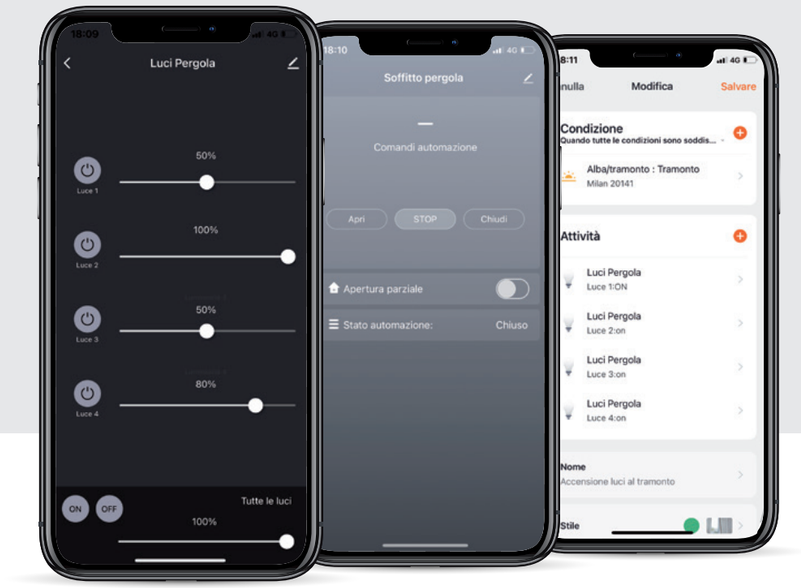
Accessory

CAM-REC500

SD card for recording videos up to 1 month.

ONESMART
Remote smart control

ONESMART
Remote smart control



ONESMART

Download on the App Store

ANDROID APP ON Google play

OneSmart is the App for managing all the pergola devices: lights, motors, heaters and smart camera. Thanks to our **Cloud infrastructure** it's possible to communicate with the devices from anywhere in the world. Is not necessary to install any gateway, you just need to have a **internet WiFi 2,4 GHz** connection to set up the Nexta tech devices in few steps.

Remote control

With OneSmart, you can control devices from anywhere in the world, create scenarios and hourly and weekly programs.

Scenario

With a simple set up, it's easy to create buttons that send commands to multiple devices simultaneously

Scheduling

Hourly and weekly programs for turning on-off lights and dimming. It is possible to set an event at a specific time or in a time slot.

Sunrise - Sunset

It recognizes sunrise and sunset through the geographical set-up. Useful for the automatic switching on and off of external lamps.

Notifications

You can receive a notification message when an event happens, such as turning on a light.

Centralization

It is possible to control single devices or group of devices, it's easy to realize "total on" and "total off" commands.

PS
Power supply units

AVAILABLE VERSIONS WITH IP55 PLASTIC BOX

LB-50/PS

Power supply230V-24Vdc 50W.
Plastic box IP55

LB-100/PS

Power supply230V-24Vdc 100W.
Plastic box IP55

LB-150/PS

Power supply230V-24Vdc 150W.
Plastic box IP55

LB-200/PS

Power supply230V-24Vdc 200W.
Plastic box IP55

AVAILABLE VERSIONS IP67

PS-XLG100

Power supply 230V-24Vdc 100W.
Protection IP67

PS-XLG150

Power supply 230V-24Vdc 150W.
Protection IP67

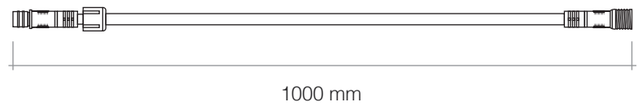
PS-XLG200

Power supply 230V-24Vdc 200W.
Protection IP67

EASY-PLUG
Connection cables

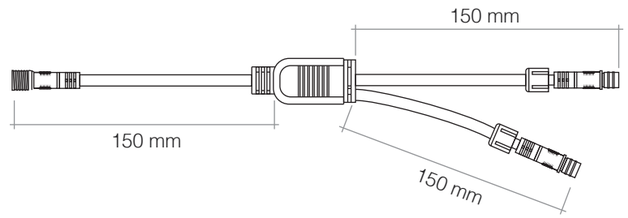
EP-1000/MF

Cable lenght 1000 mm with Easy-Plug connector male-female



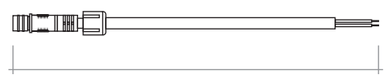
EP-150/M2F

3-way cabling, lenght 150 mm with 1 Easy-Plug male connector and 2 female connctors



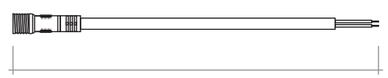
EP-150/F

Cable lenght 150 mm with 1 Easy-Plug female connctor



EP-150/M

Cable lenght 150 mm with 1 Easy-Plug male connector



NEXTA
TECH

NEXTA TECH
COMPANY BRAND OF TEAM SRL
VIA G.OBERDAN 90, 33074, FONTANAFREDDA (PN) - ITALY
PH. +39 0434 998682 - EMAIL: INFO@NEXTA-TECH.COM
WEB: WWW.NEXTA-TECH.COM - INSTAGRAM: NEXTA_TECH

EN_04_2021