

Product Catalogue

Thermostats | Switches | Sockets | Actuators | Sensors | Dimmers



Hotel GRMS Solutions



Smart Home Solutions

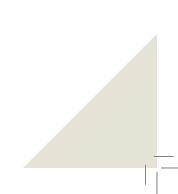


Industrial & Commercial Building Solutions ___| |

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The Mona Series consists of a user-friendly, elegant frameless glass design and intuitive operation, with capacitive buttons trough minimalist icons. With its touch operated design and minimalist icons, it is suitable to be a part of your living space with its various color options.



Glass Surface

Switch, Thermostat and Socket Together

🕒) Frameless, minimalist design



Away, comfort, night and protection modes

Independent programmable buttons

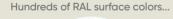
Various color option

(RGB) RGB LED option



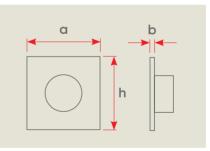
Up to more than 5 combined monoblock modules

Hundreds of different combinations





Dimensions (mm)	а	b	h
Single	90	12	100
Binary	161	12	100
Triple	232	12	100
Quadruple	303	12	100
Quintet	374	12	100





Card Holder Up to 6 buttons

Compatible with Mifare 13.56 MHz card
Contactless reading for RFID Card information
Avoids mechanical wear and card deformation
Detection distance up to 50 mm



Thermostat Up to 6 buttons Temperature adjustment on display Integrated temperature sensor (°C/ °F.) Fan speed adjustment (1, 2, 3, Auto) FUII y automatic function mode (Heat - Cool transition) Control flexibility for all HVAC units including VRF-VRV and AC FI proportional, PI PWM, Hysteresis, Fan coil, Split unit



Switch Up to 12 buttons

1ona switches continue to add value to your spac vith frameless design. Mona offers a unique user xperience and intuitive operation with its touch

lesign and minimali bere are bundreds

> nbination options with thermostats, switches and kets

DND MUR

The Mona series DND MUR display, where you can easily see whether your guests are in the room, consists of a glass touch screen and includes room number, hotel logo, Laundry, DND, MUR indicators and doorbell button.







🕑 Welcome Panel

When entering or leaving your room, desired scenarios can be realized with a single touch, and you can experience safety and comfort together thanks to the RF-ID card holder you use at the entrances. You can combine switches and thermostats with your energy saver. Guests will control many things through one single monoblock panel.



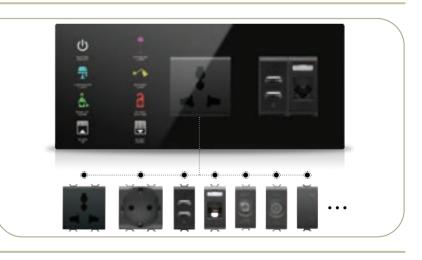


🕑 Bedside Panel

Mona Serie offers %100 customizable, unique panels. You can create your own bedside panel through the configurator.

Hundreds of different combinations





Socket

The Mona serie offers glass surface, minimalist design, wide collection up to 5 gang, wide range of colors. BS standard, European standard and Modular standard sockets are compatible with Mona series.

Modular European Sockets







Modular Italian Sockets



Modular British Sockets



European Sockets





Rosa thermostats are designed for the needs of modern buildings. Rosa's intuitive design allows all ages to control their living space easily. New generation frameless design fits arghitects' expectation and getting their compliments.

Touch Operated
Glass Surface
Switch, Thermostat and

Socket Together

Frameless, minimalist design

Addit contr Vario

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- Away, comfort, night and protection modes Additional heating-cooling control
- Various color option

Icon Options

Pring dubinduc
heating-cooling transition
Optional in-built temperature
sensor for switches
Feedback and Navigation LEDs
Independent, programmable
buttons

Fully automatic

Rosa Metal Series Thermostat Color Options



Rosa Metal Series Switch Color Options



85,00mm - 111,00mm



Thermostat Up to 2 fold

Thermostat and switching control from one point Rosa Thermostat



Switch Up to 3 fold

Lighting, shutter/blind, scene call, speaker and DND, MUR control with customizable Rosa keypads



Socket Up to 5 gang

/arious color options in UK, EU and universal standards.



The Rosa Crystal switch and thermostat series, which has the same features as the metal ones in technical terms, can also be adapted to different concept designs with glass surface option. Rosa Crystal can be colored according to the selected RAL code, adapts to the demands of the interior designers and fast changing trand.



Hundreds of RAL surface colors...





Socket

The Mona serie offers glass surface, minimalist design, wide collection up to 5 gang, wide range of colors. BS standard, European standard and Modular standard sockets are compatible with Mona series.

Single Socket - Black Glass Quadruple Socket+Socket+TV/SAT - White Glass





European Socket

Dimensions	а	h	
Single Double Triple Quadruple Quintet	85 156 227 298 369	85 85 85 85 85	a

2M USB + Data - Bronze 3M Shaver Socket- Natural







4M Universal Socket + SAT/TV - Gold

Modular Socket

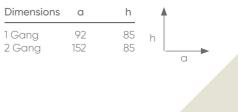
Dimensions	а	h		•	
1M 2M 3M 4M 6M	85 85 124 144 190	85 85 85 85 85	h	a	•







British Socket





Expandable up to 4 folds, Oria thermostat provide a wide collection of possibilities for all spaces where both thermostats and programmable switches are needed at the same time.



^ ↓) ∨ Image: Second	ght Enhance / Dim olume Increase / Decrease cene hutter-Blind hutter-Blind Wing way - Stay	Assembly Detail	Important note! The optimum distance between the two thermostats should be at least 120 mm from center to center.
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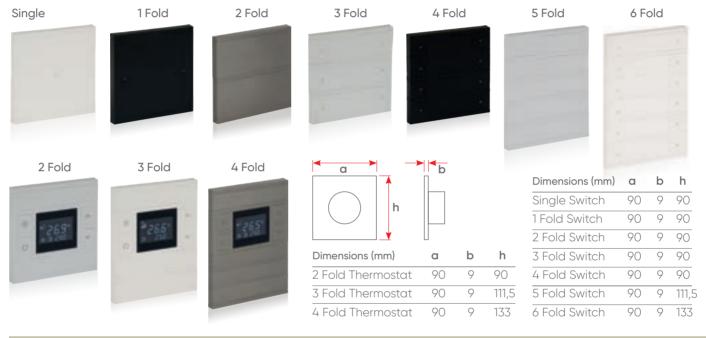


thermostats can control comfort and energy saving needs such as lighting, shutter/blind, scene call, speakers and panic button for you.

Technical Specifications

Protection type	IP 20	EN 60529	
Safety class		EN 61140	
Supply	Voltage Range	21–30V DC, Supply from EIB/KNX line	
	Supply voltage	20 mA	
	Power consumption	20 mA x 30V	
Button operation life	100.000		
Temperature	Operating	-5° C + 45° C	
	Storage	-25° C + 55° C	
	Transport	-25° C + 70° C	
CE	In accordance with EMC guideline and low voltage regulation		

Dimensions



Socket

Single Frame - Antique



Double Frame - Pearl White

Quintet Frame - Mustang Gray



1M Frame - Pearl White

Seed

2M Frame - Pearl White









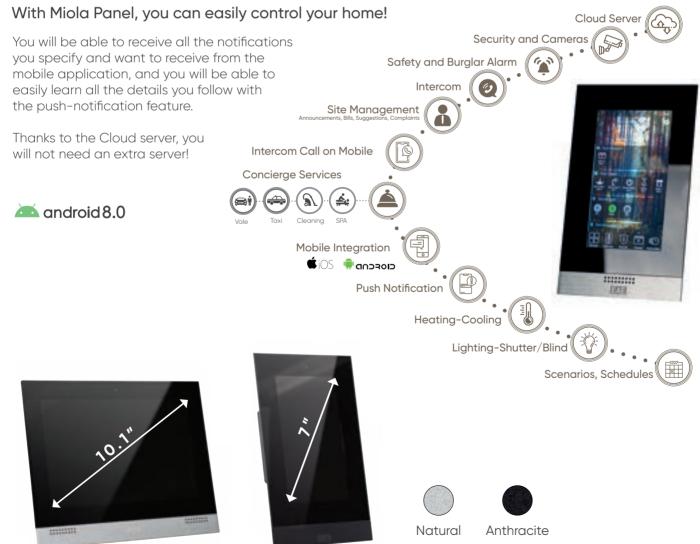
Tripple Frame - Anthracite



6M Frame - Antique







Technical Specifications

SCREEN SIZE	7" MIOLA KNX-TP	10.1" MIOLA KNX-TP
CPU	PX30 Chipset	PX30 Chipset
Memory	1GB	1GB
Hard Disk	8GB EMMC	8GB EMMC
Operating System	Android 8.0	Android 8.0
Power	12-30 VDC	12-30 VDC
Resolution	600x1024px	1280x800px
Touch Panel	Project Capacitive Touch	Project Capacitive Touch
Microphone	1 with Echo Cancellation	1 with Echo Cancellation
Speaker	1x8 Ohm - 2 Watts	1x8 Ohm – 2 Watts
Input	5 Digital Inputs	5 Digital Inputs
KNX Bus Connection	KNX – TP	KNX – TP
LAN	2	2
Dual Network Connectivy	Yes	Yes
Drivers	EAEOS Operating System Drivers	EAEOS Operating System Drivers
Max Accessory Limit	254	254
Max Room Limit	254	254
Intercom Standart	SIP 2.0	SIP 2.0
Onwall Dimensions	140 x 235 x 4 mm	264 x 208 x 4 mm

System Topology



Sensors & Panel Devices





IPR200/IPI200 IP Router/IP Interface

IP ROUTEREAE KNX IP Router can be used as a line or backbone coupler and provides a data connection between the upper KNXnet/IP and the lower TP KNX bus line. However, it also provides an electrical isolation between connected lines.

IP INTERFACE EAE KNX IP Interface is a tunneling device. It creates a connection point for ETS to enable commissioning and monitoring via tunneling protocol. IP address of device can be given by DHCP server or by manual configuration. 4 Simultaneous KNXnet / IP Connections



▶ LC200 Line Coupler

Built-in filter tables for group-oriented communication

Support of long messages up to 240 bytes APDU length

Galvanic isolation between KNX lines

Flexibility to be used as line coupler, area coupler or as a backbone coupler

Does not require an additional power supply

Temporary disabling of routing filter via button



RCU Room Control Unit

(RCU2018, RCU2000, RCU1616, RCU1600, RCU0808, RCU0800)

Special design for different room layouts On/Off, HVAC, Shutter/Blind control. 20x16A relay output Switching resistive and inductive loads 18 independent input channels 7 functions for etach channel (staircase, external/ internal logic, priority, treshold, sweeping funstions and transection time)





SW104 / SW108 Switch Actuator

4/8 independent channels Manual control via device on each channel 7 functions (staircase, external/internal logic, priority, treshold, sweeping funstions and transection time) can be defined for each channel separately Does not require external power supply





FCA100 Fancoil Actuator

Special design for many fancoil and valve types It has proportional outputs (valve / fan speed) 16A auxiliary output for additional heating / cooling One actuator for all types of fan coil units and valves



DA100 DALI Gateway

64 Lighting Stage 16 Group Control DA100 can use up to 8 DALI sensors Error status of DALI devices, device-based and group-based, with different KNX communication objects Intersecting DALI groups



Sensors & Panel Devices



KMG103 KNX Modbus Gateway

Built in 320mA / 640mA power supply Device can be used to control and monitor KNX installations via SCADA visualization software. IP address of device can be given by DHCP server or by manual configuration. Device includes logic controller that enables room energy saver system without using card holder. Saving the configurations of guests and calling configurated scenarios. Device has 3 dry contact inputs for ; Doors, Windows and Presence

Occupancy based energy saver without card holder



DD106 Universal Dimmer

6 independent channels Manual operation feature

Up to 1800W with 6 parallel channels. Configurable behaviour after voltage return, voltage failure or ETS download.





SD110 1-10V/0-10V Dimming Actuator

10 independent channels. FollowinWWWWConfigurable behaviour after voltage return, voltage failure or ETS download 10 x 16A 1-10V 0-10V



▷ MIO1616 Multi Input/Output

LEDs and buttons on the KNX panel can be used with a single device Design does not require external supply source 16 Inputs 16 Outputs



DUI108 Universal Interface

8 functional input channels Easy connection with color connection cables 6 different functions (switching, dimming, custain control, value/priority info, scene control, pulse counter)





● ACGME10

Mitsubishi Climate Controller allows your Mitsubishi AC indoor units to integrate with other KNX devices. Thanks to its energy saver function, it allows you to reduce energy consumption. Device has following functions below;

Operating Hours & Alarm

Remote Lock Funcitonality

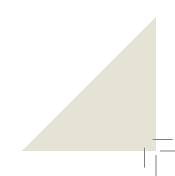
Bus Return AC behaviors

Scene Function

Energy Saver functions (Window/Door Sensor and Auto-OFF Timer)

Mitsubishi AC Gateway

Temporary disabling of routing filter via button





FOLKART **VEG**A FOLKART VEGA



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FOLKART BOYALIK Izmir



ner BODRUM NEF GOLKOY Bodrum



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PUKKA BODRUM Mugla





PUKKA MARE/NETA Mugla











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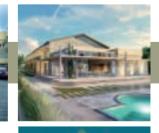
Casablanca

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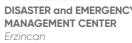
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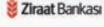
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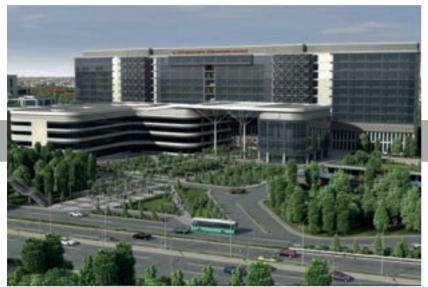








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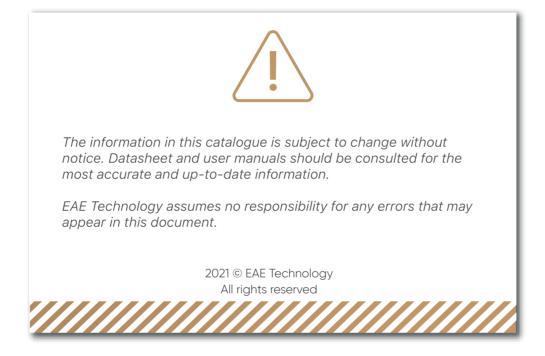
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