



DOMOLOGICA

UNA  AUTOMATION

EVOLUTION FOR ALL

The logo for UNA Automation features the letters 'UNA' in a stylized, green, sans-serif font. The letter 'A' is uniquely designed with a green trapezoidal shape on its right side, resembling a roof or a signal. To the right of this graphic, the word 'AUTOMATION' is written in a clean, green, uppercase sans-serif font. The entire logo is centered horizontally on a light gray background that has a subtle gradient and a large, curved white shape on the left side.

UNA AUTOMATION

THE NEW **ERA** OF HOME AUTOMATION





YOUR HOME **THINKS**

THE DOMOLOGIC SYSTEM

Welcome to the new era of home automation.
Welcome to a world where your home thinks
exactly as you do, relieving every concern.
Welcome to the new living experience.



EXACTLY AS YOU **DO**



1000 DIFFERENT THOUGHTS

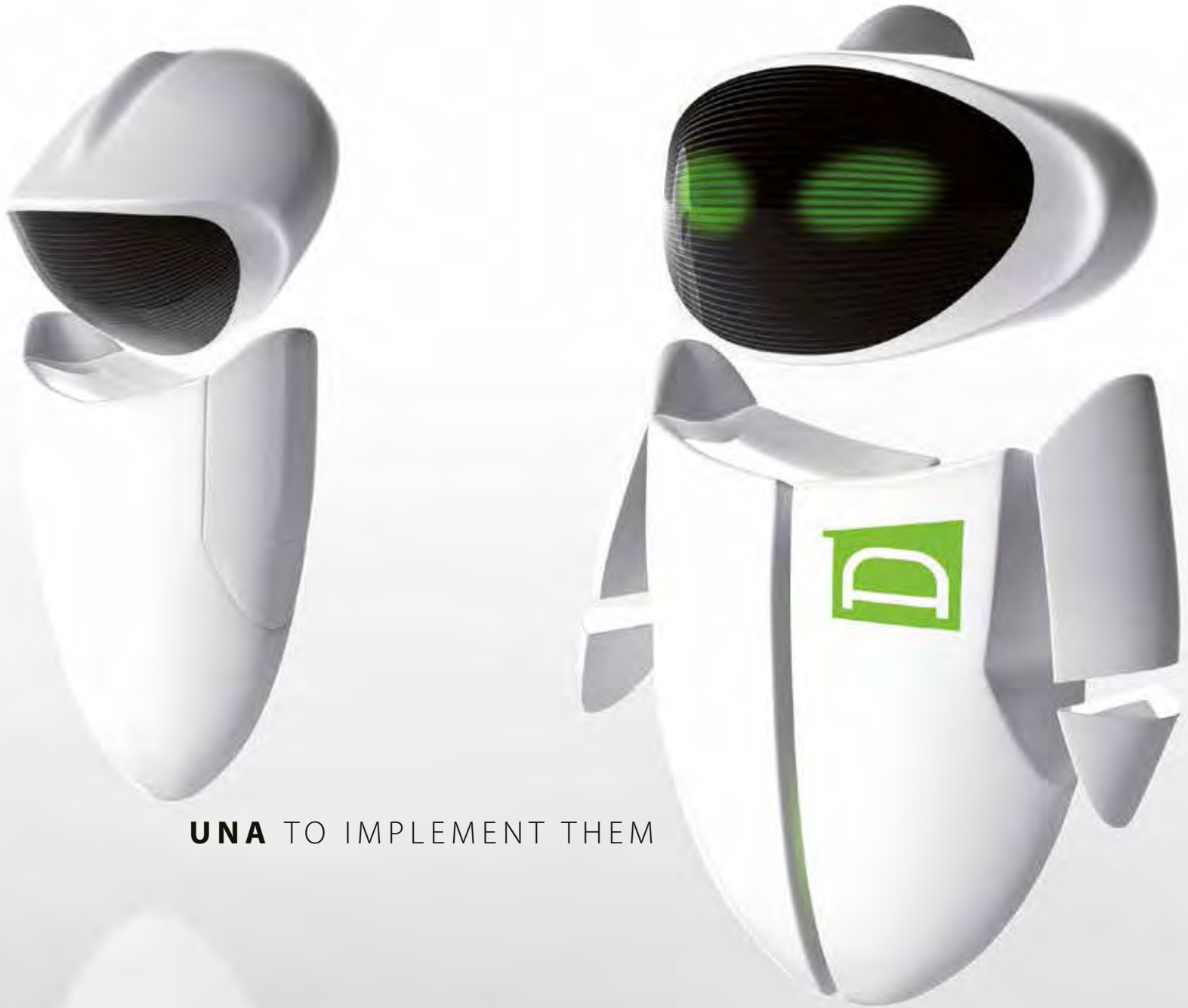
EXTREME ADVANCED TECHNOLOGY

Imagine an oven without a timer, a television without a remote control, a washing machine without a temperature control: our life is surrounded by little automations that simplify our everyday lives.

Domologica is the system for a home that thinks as you do: little things that go unnoticed but which help improve life in the home.

Blinds that close before a storm, lights that turn on gently as the sun goes down, electrical appliances that communicate each other to lessen your utility bills. Little actions that make the difference between an electrical system and the world of UNA.





UNA TO IMPLEMENT THEM



WI-FI CONTROL



INTERNET MANAGEMENT



FUNCTIONS VIA SMS



INFRARED CONTROL



RF CONTROL



AUDIO FEEDBACK



CONSUMPTION DATA STORAGE



COMPLEX CUSTOMISABLE SCENARIOS



BLIND AUTOMATIONS



CURTAIN AUTOMATIONS



SKYLIGHT MANAGEMENT



AUTOMATIONS MANAGEMENT



ENTRANCE AUTOMATIONS



AIR-CONDITIONING/ HEATING



VIDEO SURVEILLANCE



ACCESS CONTROL



LIGHTING CONTROL



LIGHTING DIMMERS



PROGRESSIVE AUTOMATIC LIGHTING



LIGHTING SCENARIOS



NEON DIMMERS



ALL ON AND OFF FUNCTIONS



LOAD CONTROL



MEASUREMENT AND DISCONNECTION OF LOADS



DAWN/DUSK FUNCTIONS



TIMER FUNCTIONS



CLIMATE ALARMS



RAIN ALARM



TWILIGHT FUNCTIONS



AUTOMATION CENTRALISATION



ALARM FUNCTIONS



HEAT REGULATION

EVERYTHING IN **UNA**

UNA ALWAYS GIVES YOU THAT SOMETHING EXTRA

UNA offers you more than traditional home automation systems available on the market. UNA is the first domologic system whose basic configuration and accessories contains all the functions that other home automation systems implement gradually, often involving major interventions and cost increases.

The advantage of the domologic system is having all the functions and access to system updates on-hand immediately, because what you do not use today, in a month or year may be fundamental.

Imagine asking your UNA technician for remote heating management, a new scenario for your living room lights or an interface with the alarm system, and finding out you already have it!

This is why the imagination and competence of the designer make UNA an unlimited system, with no competitors in its category.

Who has UNA has everything.



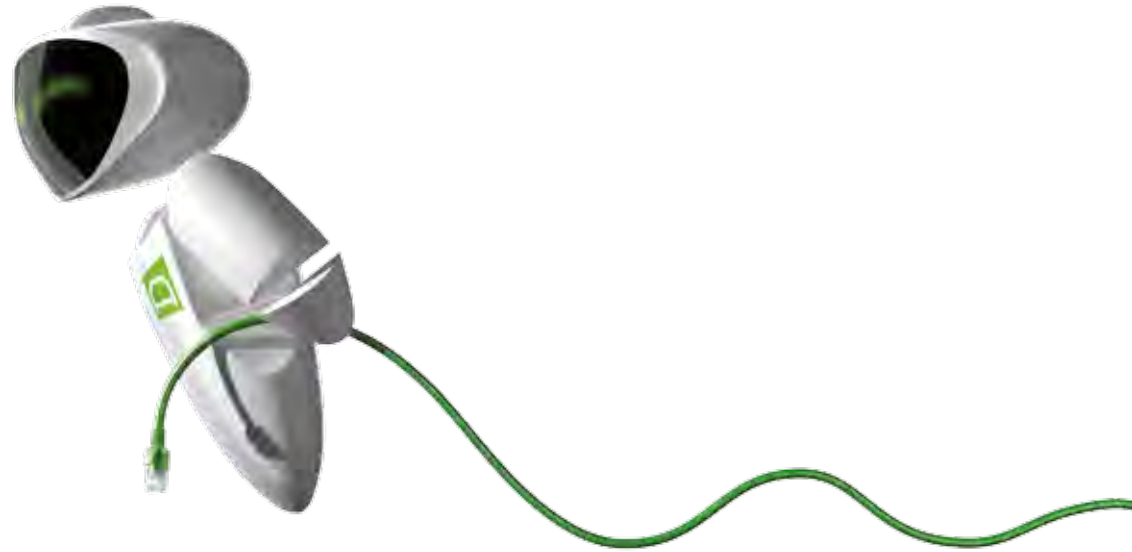


YOUR HOME **DIALOGUES** **WITH YOU** AND WITH THE WORLD

ALWAYS CONNECTED

Imagine being able to control your home, wherever you are, with the greatest of ease. Imagine turning off all the lights and closing all the blinds before going to sleep, without having to go back downstairs. Imagine setting just the right climate before returning home, turning the outside lights on when you think you will be late, opening the gate to let the gardener in, all from the comfort of your office.

Thanks to Vesta and the web service Sidera, you can control and command your home from your mobile telephone, Smartphone, your children's console or any other internet-connected device in the world.



SO, SO EASY

The UNA system is absolute simplicity, from the design through to the system development. The quick wiring and the intuitive software interface of the Lapis design software, make system start-up and later changes by your installer, immediate... just like using a screwdriver.

CONNECTION **IS EASY**

IN BRIEF



GREAT CONTENTS

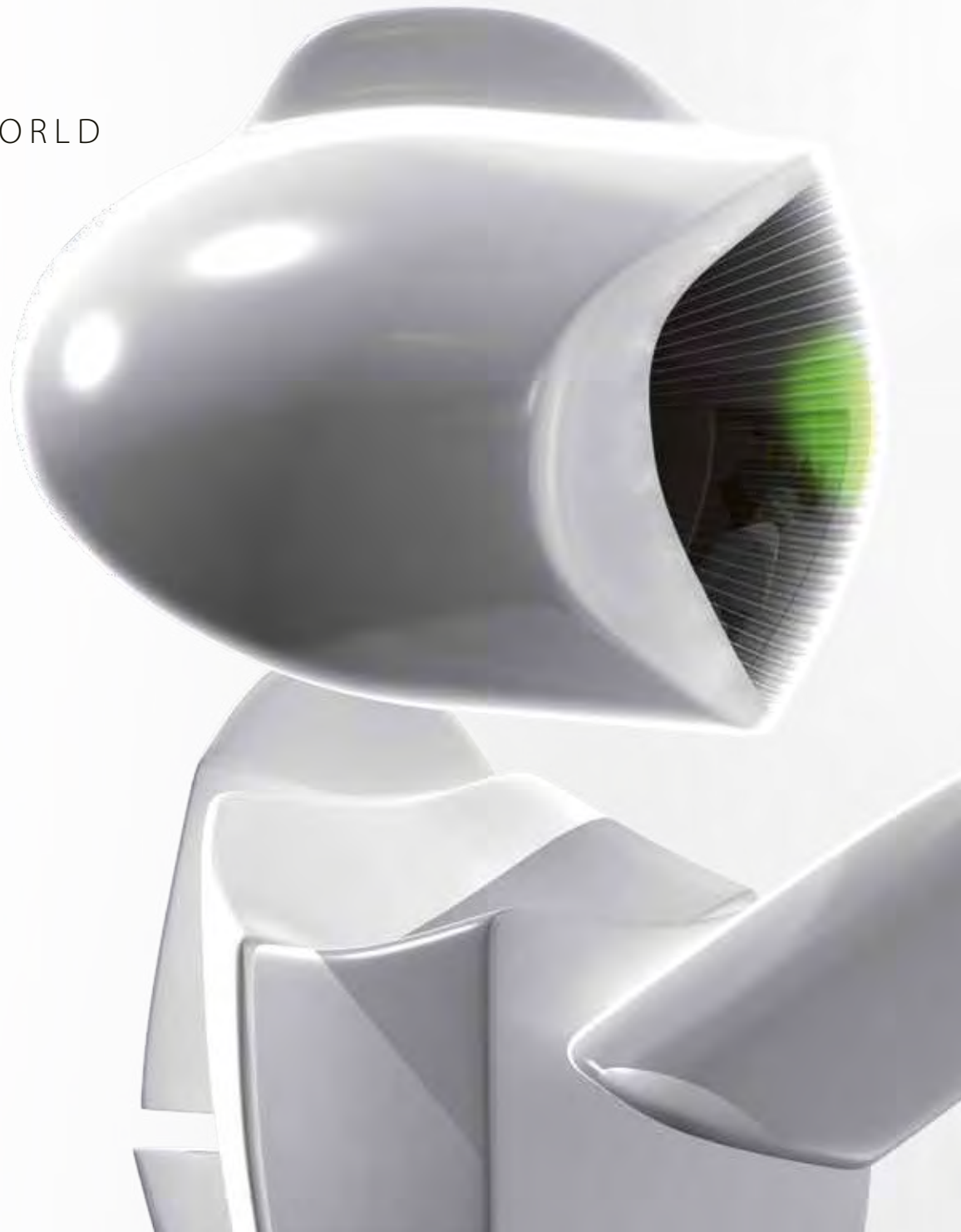
The UNA system revolutionises the traditional idea of home automation, concentrating all operations into just a few simple components. With UNA, the simplest system consists of just one card, Eva, and by merely adding the Vesta card, the system starts to dialogue with you and the outside world. And by using the multipurpose card Eva, the system has been designed to maintain minimum operation even in the event of failure, so you are never left in the dark.



YOUR HOME AND YOUR WORLD

IT HAS NEVER BEEN SO EASY

All this technology is controlled by a simple touch. You can control the status of all equipment with just one finger, commanding each equipment individually or enabling scenarios. A simple touch will tell you how much energy your system is using, which equipment is using most at that precise moment, and how much energy your photovoltaic system is producing on a beautiful sunny day. And when the energy bill comes in, a simple touch let you check your past use, setting different use scenarios or accepting the management suggestions UNA will make.



INTERACT



BUILT-IN INTERNET
WEB BROWSER



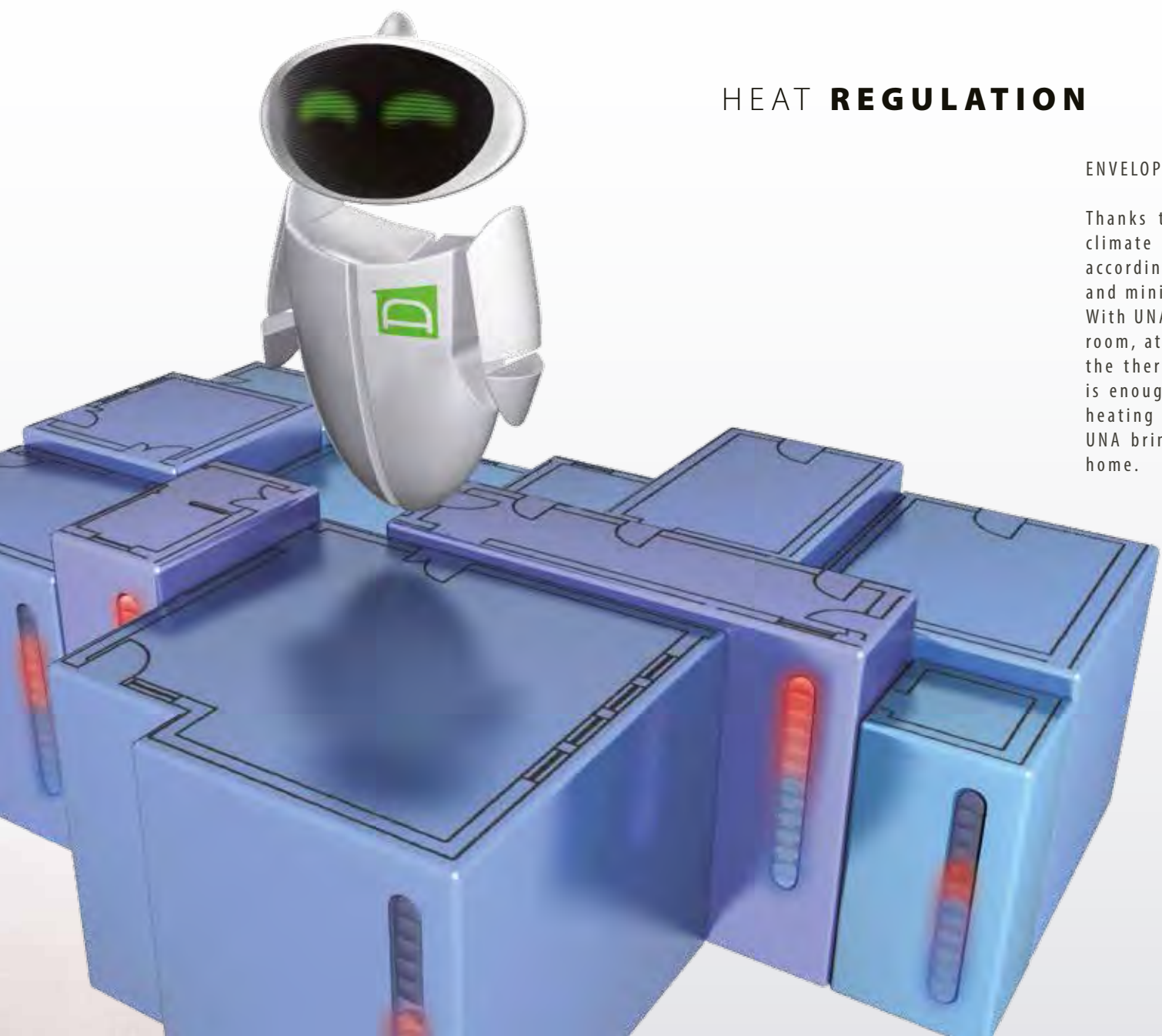
DIGITAL FRAME
WITH SCREENSAVER FUNCTION



DIGITAL BOARD
WITH FREE-HAND WRITING



MULTIPLE **INDEPENDENT**



HEAT **REGULATION**

ENVELOP YOURSELF IN WELLBEING

Thanks to Therma you can enjoy the perfect climate in every room of the house, adjusted according to your habits to eliminate waste and minimise consumption.

With UNA set the temperature you wish in each room, at all times, wherever you are. And with the thermostat in every room, a simple touch is enough to increase, decrease or to turn off heating and air conditioning.

UNA brings the season of wellbeing into your home.

ABSOLUTE **CONTROL** OVER EVERY ELEMENT

UNA DOMOLOGIC SYSTEM

The first home automation operation management system with remote dialogue, energy control and much, much more, in just one card.







THE DELICATE **TOUCH**





QUIET, IT'S SOFT TOUCH!

With the domologic buttons of the Master civil series, turning on a light or activating a scenario becomes a quiet, delicate gesture that will amaze your guests.

With soft touch, you add that touch of class to the most visible part of your domologic system.



A GREAT LEAP INTO THE FUTURE

UNA is not science fiction: it is, quite simply, the new generation of the traditional electrical system.

Thanks to UNA, your home can dialogue with the devices you already own, or will buy in the future: computers, Smartphones, home theatre systems, video game consoles and all other devices able to connect up to internet; they will all be able to 'speak' to your home, and UNA will always know how to respond.

WELCOME TO THE NEW **DOMOLOGIC GENERATION**

HOME AND BUILDING **CONTROL**

U

n

A

EVA



Eva is the basic component of the UNA system: a card that encompasses all home control and automation functions. Eva can manage different types of home equipment independently and in a personalised fashion.

FUNCTION

Eva manages lighting, blinds, electrical pumps and solenoid valves (heating, watering), simple and electronic controls, presence, twilight, wind and rain sensors, analogue video input signals, personalisable timer functions.

CONNECTIONS

Eva has 16 digital inputs, 10 relay outputs, 230 V~ mains supply and RS-485 communications port for programming using Lapis software.

TECHNICAL CHARACTERISTICS

Eva is a complete card for automation with 16 5V DC digital inputs with 4 terminals for the system, 10 outputs with 230 V~ 12A resistive relay with double NO-NC terminals (maximum total load 6kW), 230V~ mains power supply and RS-485 serial communications and programming port. The card is set up for fastening with DIN guide on a 13-module (Master type) control panel and, thanks to the optional side rings, can be screwed onto junction boxes or plasterboard walls. All connections are made using removable silk screen printed terminals to facilitate wiring and replacement. Eva is equipped with an auxiliary power supply device that allows the built-in clock to run and settings to be maintained even in the event of black-out. It is supplied pre-programmed step by step on each output to check function. It is fitted with LED warning lights for power supply, function and easily-identifiable relay enabling. Eva can be set up as you wish, using the simplified software programming interface designed by Lapis.

CODES

HS01000 Eva card 16 in 10 out, individual package inclusive of removable terminals, optional side rings and installation manual.
HA31000 Set of additional terminals for Eva cards (14 pieces).

EVA KIT & EVA LIGHT



Eva Kit & Eva Light are simplified systems to fully control awnings and blinds or light lines, that concentrates all automations into a single card.

FUNCTION

Eva Kit Blinds manages curtains and blinds divided up into 5 independent groups, using general controls divided up into 2 main areas and total closure already preset. Eva Light turns on lights divided into 10 independent groups, with general turn all on and all off already preset.

CONNECTIONS

Eva Kit and Eva Light are equipped with 16 digital inputs, 10 relay outputs, 230V~ mains supply and RS-485 port for communication with Vesta and settings changing using Lapis software.

TECHNICAL CHARACTERISTICS

Eva Kit Blinds is the complete, pre-programmed card used to manage curtain and blind automations in 5 independent groups. Eva Light is the pre-programmed card used to turn on lights divided into 10 independent groups. Both are equipped with 16 5V DC digital inputs with 4 terminals for the system, 10 outputs with 230V~ 12A resistive relays with double terminals NO-NC (maximum total load 6kW) and 230V mains power supply. The cards are set up for fastening with DIN guide on a 13-module (Master type) control panel and, thanks to the optional side rings, can be screwed onto junction boxes or plasterboard walls. All connections are made using removable silk screen printed terminals to facilitate wiring and replacement. The cards are equipped with an auxiliary power supply device that allows the built-in clock to run and settings to be maintained even in the event of black-out. Eva Kit Blinds is supplied pre-programmed with manual controls (up-down) on the first 10 inputs, 2 area up-down on inputs 11 to 14 and general opening and general closing on inputs 15 and 16. Each of the inputs from 1 to 10 has been pre-programmed to offer general opening and closing when pressed and held. Eva Light is supplied pre-programmed with jog controls on the first 10 inputs, all on and all off on inputs 15 and 16. The cards are equipped with LED warning lights for power supply, function and easily-identifiable relay enabling.

Eva Kit and Eva Light cards can be installed with no initial programming through Lapis.

CODES

HS01101	Eva Kit Blinds card for 5 blinds/curtains.
HS07000	Eva Light card for 10 light lines.
HA31000	Set of additional terminals for Eva cards (14 pieces).

EVA POWER



Eva Power is the basic advanced component of the UNA system: it enhances the function and flexibility of the Eva card, adding real time measurement of power used by the equipment connected to each relay, sending details of consumption by bus to the UNA system.

FUNCTION

Eva Power manages lighting, blinds, electrical pumps and solenoid valves (heating, watering), simple and electronic controls, presence, twilight, wind and rain sensors, analogue video input signals, personalisable timer functions.

CONNECTIONS

Eva Power has 16 digital inputs, 10 relay outputs with independent measurement of power used, 230 V~ mains supply and RS-485 communications port for programming using Lapis software.

TECHNICAL CHARACTERISTICS

Eva Power is a complete card for automation with 16 5V DC digital inputs with 4 terminals for the system, 10 outputs with 230 V~ 12A resistive relay with double NO-NC terminals (maximum total load 6kW), 230V~ mains power supply and RS-485 serial communications and programming port. Eva Power measures power used on each output in real time (for loads of at least 100 W). The card is set up for fastening with DIN guide on a 13-module (Master type) control panel and, thanks to the optional side rings, can be screwed onto junction boxes or plasterboard walls. All connections are made using removable silk screen printed terminals to facilitate wiring and replacement. Eva Power is equipped with an auxiliary power supply device that allows the built-in clock to run and settings to be maintained even in the event of black-out. It is supplied pre-programmed step by step on each output to check function. It is fitted with LED warning lights for power supply, function and easily-identifiable relay enabling and can be set up as you wish, using the simplified software programming interface designed by Lapis.

CODES

HS02000	Eva Power card 16 in 10 out with load measurement, individual package inclusive of removable terminals, optional side rings and installation manual.
HA31000	Set of additional terminals for Eva card (14 pieces).

MINI EVA & MINI EVA POWER



MiniEva concentrates all the home automation and control functions of the Eva card into half the space, only reducing the number of applications that can be controlled. MiniEva can manage different types of home equipment independently and in a personalised fashion.

FUNCTION

MiniEva manages lighting, blinds, electrical pumps and solenoid valves (heating, watering), simple and electronic command, presence, twilight, wind and rain sensors, analogue video input signals, personalisable timer functions.

CONNECTIONS

MiniEva has 8 digital inputs, 4 relay outputs, 230 V~ mains supply and RS-485 communications port for programming using Lapis software.

TECHNICAL CHARACTERISTICS

MiniEva is a complete card for automation with 8 5V DC digital inputs with 2 terminals for the system, 4 outputs with 230 V~ 12A resistive relay with double terminals NO-NC (maximum total load 3.5kW), 230V~ mains power supply and RS-485 serial communications and programming port. The card is set up for fastening with DIN guide (Master type) control panel where it occupies 6.5 modules and, thanks to the optional side rings, can be screwed onto junction boxes or plasterboard walls. All connections are made using removable silk screen printed terminals to facilitate wiring and replacement. Eva is equipped with an auxiliary power supply device that allows the built-in clock to run and settings to be maintained even in the event of black-out. It is supplied pre-programmed step by step on each output to check function. It is fitted with LED warning lights for power supply, function and easily-identifiable relay enabling. Eva can be set up as you wish, using the simplified software programming interface designed by Lapis.

In the MiniEva Power version, the card measures power used on each of the 4 outputs in real time (for loads of at least 100 W).

CODES

HS04000	MiniEva card 8 in 4 out, individual package inclusive of removable terminals, optional side rings and installation manual.
HS05000	MiniEva Power card 8 in 4 out with independent measurement of power absorbed, individual package inclusive of removable terminals, optional side rings and installation manual.
HA31005	Set of additional terminals for MiniEva cards (7 pieces).

MICRO EVA



MicroEva is the built-in solution that reproduces all the functions of the EVA card in an ultra-compact solution.

FUNCTION

MicroEva manages lighting, blinds, electrical pumps and solenoid valves (heating, watering), simple and electronic command, presence, twilight, wind and rain sensors, analogue video input signals, personalisable timer functions.

CONNECTIONS

MicroEva has 2 digital inputs, 2 relay outputs, 12 V DC power supply and RS-485 communications port for programming using the Lapis software.

TECHNICAL CHARACTERISTICS

MicroEva is a complete card for automation with 2 5V DC digital inputs with 1 terminal for the system, 2 outputs with 230 V~ 5A resistive relay with terminals, 12 V DC power supply and RS-485 serial communications and programming port. The card is pre-prepared for inclusion in a square or rectangular built-in box with 3 or more unified modules, or junction box. All connections are made using silk screen printed terminals to facilitate wiring and replacement.

MicroEva is supplied pre-programmed step by step on each output to check function. It is fitted with LED warning lights for power supply, function and easily-identifiable relay enabling.

MicroEva can be set up as you wish, using the simplified software programming interface designed by Lapis.

MicroEva also comes pre-programmed in the light kit and blind kit versions where MicroEva Master manages centralisations and MicroEva Slave the single implementations.

CODES

HS06000	MicroEva 2 in 2 out card, package includes installation manual.
HS06101	MicroEva Master blind kit card, to manage up to a maximum of 255 slave cards.
HS06102	MicroEva Slave blind kit card, 2in 2out (up/down management for 1 blind/awning).
HS06201	MicroEva Master light kit card, to manage up to a maximum of 255 slave cards.
HS06202	MicroEva Slave light kit card, 2in 2out (on/off management for 2 light lines)..

FLUXA



Fluxa is the component of the UNA System that creates the perfect ambiance in the surrounding environment: it lets you adjust light intensity and set personalised functions.

FUNCTION

Fluxa allows for the regulation of the intensity of the bulbs managed with specific 0-10V transformers (e.g. ballast for neon bulbs through normal electro-mechanical buttons, lighting sensors or other devices connected to the UNA system).

CONNECTIONS

Fluxa has 8 digital inputs, 4 Master light sensor inputs, 4 relay outputs and 4 0-10V outputs to control the Ballast devices, 230V~ mains power supply and RS-485 communication port for programming using Lapis software.

TECHNICAL CHARACTERISTICS

Fluxa is an advanced card used to manage and adjust fluorescent lights divided up into 4 channels. It can operate stand-alone or controlled via RS-485 bus, using Vesta and Visus software. If serial connected to Eva Power, it also allows you to measure loads in real time. The card is set up for fastening with DIN guide (Master type) control panel where it occupies 6.5 modules and, thanks to the optional side rings, can be screwed onto junction boxes or plasterboard walls. All connections are made using removable silk screen printed terminals to facilitate wiring and replacement.

The 8 digital inputs can be programmed individually in step by step mode and timed. Alternatively they can be programmed with multiple and/or general commands. The light sensor inputs allow you to adapt light intensity from the bulbs to the ambient lux in order to maintain constant lighting. Adjustment takes place by means of the 4 12A resistive relays (maximum total load 3.5kW) that allow for turning on and off, and the four adjustment channels with 0-10V output.

Fluxa is supplied step by step pre-programmed on the first four inputs, to immediately check wiring correctness. It can be set up as you wish, using the simplified software programming interface designed by Lapis.

CODES

HL51000 Fluxa card with 4 outputs to control and adjust fluorescent lights.

HA31002 Set of additional terminals for Fluxa/Therma cards (9 pieces).

THERMA



Therma is the component of the Una System that creates the perfect ambiance in the surrounding environment: it allows for the management of heating and air-conditioning and the setting of customised functions.

FUNCTION

Therma can manage domestic heat regulation using a specific 1-module device or through simple NTC analogue probes, enabling solenoid valves and fan coils.

CONNECTIONS

Therma has 8 digital inputs, 4 inputs for analogue temperature sensors, 4 relay outputs and 4 0-10V outputs for regulation, 230V- mains power supply~ and RS-485 communications port for programming using Lapis software.

TECHNICAL CHARACTERISTICS

Therma is an advanced card for the management and regulation of boiler, solenoid valves and fan coils on 4 independent areas. It can operate stand-alone or controlled via RS-485 bus, using Vesta and Visus software. If serial connected to Eva Power, it also allows you to measure loads in real time. The card is set up for fastening with DIN guide (Master type) control panel where it occupies 6.5 modules and, thanks to the optional side rings, can be screwed onto junction boxes or plasterboard walls. All connections are made using removable silk screen printed terminals to facilitate wiring and replacement. The 8 digital inputs can be individually programmed differently in order to manage heating commands, solenoid valves, fan coils with complete or limited temperature control (e.g. functions $\pm 1/3^\circ$ for hotels). Temperature sensor inputs allow for the measurement of the temperature in the individual areas of interest. Adjustment takes place by means of the 4 12A resistive relays (maximum total load 3.5kW) that allow for turning on and off, and the four adjustment channels with 0-10V output. Therma with NTC probes behaves like a 1 module thermostat on Visus, Tosca and Sidera.

Therma is supplied pre-programmed on the first four inputs, to immediately check wiring correctness. It can be set up as you wish, using the simplified software programming interface designed by Lapis.

CODES

HL56000 Therma card 4 outputs for temperature control and regulation.

HA31002 Set of additional terminals for Fluxa/Therma cards (9 pieces).

VESTA



Vesta is the heart and soul of the evolved domologic system. A single component encompasses the capacity to coordinate all other home systems and the dialogue interface between user and the UNA system.

FUNCTION

Vesta allows you to control and coordinate the other system cards connected. The Ethernet connection makes all system data available for any device that can connect up to the internet.

CONNECTIONS

Vesta has an SD/MMC memory slot, two USB 2.0 ports, one 10/100 mbps Ethernet port, 12V DC power supply, 3 RS-485 bus channels, 1 IRDA port for the IR Master module, analogue video input, mono speaker output, stereo audio input, stereo audio output.

TECHNICAL CHARACTERISTICS

Vesta is an extremely high performing, low energy consumption Linux micro computer with high mass memory and calculation power. It connects via RS-485 bus to the UNA system cards comprising the home automation system and to a home network using an Ethernet cable. It uses routers or wireless access points of the home system and allows for the control of connected cards using a web interface that can be accessed through Sidera Home from any browser. This interface is fully compatible with laptop computers, palmtops, desktops, Smartphones, iPhones and other such devices. If connected to the Eva Power cards, Vesta maintains historic data on the system's use and consumption, point by point on the hard disk in solid state. It allows for the archiving and saving of system and design data, operating scenarios and user configurations. With the addition of the GSM module, it can also send and receive SMS messages to enable predefined functions and notify danger situations. The Lapis software also allows you to programme the implementation of scenarios involving several cards connected up to a single system. The card is set up for fastening with DIN guide on a 12-module (6.5 modules for the card and remaining space for the lateral connections) control panel and, thanks to the optional side rings, can be screwed onto junction boxes or plasterboard walls. All connections are made using removable silk screen printed terminals to facilitate wiring and replacement. Finally, Vesta can use a home internet connection to enable system access through Sidera, the UNA on-line service. This gives you complete control over your home from any internet access point the world over, any time, night or day.

CODES

HM01000	Vesta card for local and remote system management.
HM01500	Vesta card for local and remote system management with RF module.
HA07000	Additional GSM module for Vesta, 12V DC power supply, connected by RS-485 bus.
HA31001	Set of additional terminals for Vesta cards (6 pieces).

TOSCA



Tosca is your touch screen assistant to truly live the UNA System experience.

FUNCTION

Using the Visus software, it can provide you with complete management and control of your home, in real time.

CONNECTIONS

Tosca has a Gigabit Ethernet RJ45 10/100/1000 mbps connection and a 12V DC mains power supply.

TECHNICAL CHARACTERISTICS

Tosca is a personal computer based on the new Intel® Atom® architecture, equipped with a 10" touch screen monitor. Tosca is preinstalled with Visus system management software.

Once Tosca is connected to the same data network as Vesta (through the Ethernet port), Visus imports the whole system project from Vesta, allowing for the navigation, interaction and the control of the whole system from a single point. All this with no need for the installer to install or configure software.

Tosca updates in real time when home devices are enabled or disabled by other command points. It is equipped with additional applications that allow for control of stand-by and energy saving, and for its use as a digital picture frame to display your favourite photographs and images.

Tosca is installed on a specific metal built-in box to allow for perfect fastening to the wall. It can be completed with a wide range of plaques to match the colours of the civil Master series.

CODES

HT01000	Tosca touch screen device for system interaction and control.
HTS1000	Built-in metal box for wall-mounting for Tosca (286x197x70 mm).

VISUS



Visus software provides a complete view of your UNA system.

FUNCTION

Visus software can grant you the control and management of all home devices connected to the UNA System in real time, through a PC equipped with touch screen monitor.

TECHNICAL CHARACTERISTICS

Once installed, Visus imports the whole system project from Vesta, allowing for the navigation, interaction and the control of the whole system from a single point. All this with no need for the installer to install or configure software.

Visus updates in real time when home devices are enabled or disabled by other command points. It is equipped with additional applications that allow for control of stand-by and energy saving, and for the use of the touch screen device as a digital picture frame to display your favourite photographs and images. Visus is supplied preinstalled on Tosca or on USB memory for installation on consumer touch screen computers based on Intel® Atom® architecture, such as Asus® EeeTop® and Shuttle® X50 (please see Master to check compatibility with other models).

The WinVisus software is available to allow you to use the Visus functions on your computer with the operating systems Windows® XP, Windows® Vista or Windows® 7. To install WinVisus, the system must be equipped with an Intel® compatible processor (Atom®, Core Duo®, Core 2 Duo®), chipset 950 or better, at least 1 Gb of ram and 10 Gb of free disk space.

CODES

HW10400 Visus system management software using touch screen computers, supplied on USB memory.

HW10500 WinVisus system management software using touch screen computers, supplied on USB memory.

SIDERA WEB



Sidera Web is the access port to your home, wherever you are.

FUNCTION

Sidera Web is the on-line service that allows you to reach your system from anywhere in the world, at any time, in complete security.

TECHNICAL CHARACTERISTICS

Sidera Web uses the system's Vesta card and the home internet connection, and has no need for any additional equipment. Data is coded and sent in accordance with the strictest computer security standards, meaning that connections with domologic systems are absolutely secure and confidential.

Sidera Web is a web service that has been developed in accordance with current network standards. It is compatible with Windows, MacOS and Linus, and can be used with any web browser on any computer, notebook, palmtop or Smartphone, from anywhere on the global network.

For the user:

Sidera Web allows you to monitor one or more systems, receive data on the home system, view past consumption data and act on the individual appliances. Sidera Web will also allow you to temporarily enable system access to your trusted installer.

For the installer:

Sidera Web allows you to store archived projects developed with Lapis and, if authorised by the customer, to access the system for any checks or maintenance that may prove necessary. Sidera Web also features a secure back-up, allowing the installer to recover his projects developed even years previous. This allows him to provide the customer with quick and efficient assistance at all times.

OTHER ARTICLES

INGRID 16-INPUT CARDI



Ingrid is an expansion card for structured systems that reduces wiring costs and complexity by adding a further 16 digital inputs to the system, acting via RS-485 bus and through Vesta on the Eva, Eva Power, Fluxa and Difra cards.

It has 16 digital inputs, similar to those of the Eva cards, an RS-485 bus connection and 12V DC power supply. It has a compact design that has been specifically devised to position it on the base of unified 3 or more module built-in boxes.

CODES

HL16000	Ingrid card to extend the system.
HA31003	Set of additional terminals for Ingrid cards (3 pieces).

OTHER ARTICLES

TAMARA CARD FOR READING CONSUMPTION WITH TA 12 V DC



Card for the connection of TA to read consumption up to a maximum of 3 devices and 60 A per channel.
12 V DC power supply, RS-485 communications bus port.
Functions independently of EvaPower. Requires Vesta in the system.

CODES

HL20000	Consumption reading card
HL20100	TA device

AGATA CARD FOR READING WATER/GAS CONSUMPTION 12 V DC



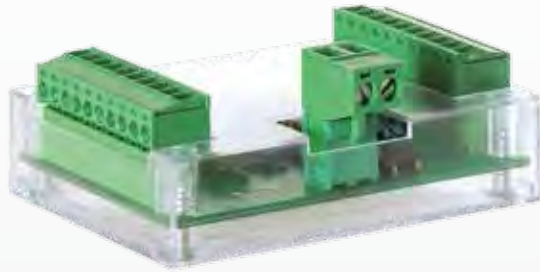
Card for reading the consumption of water, gas or other utilities by means of meters prepared with impulse output.
12 V DC power supply, RS-485 communications bus port.
Requires Vesta in the system.

CODES

HL21000	Card for reading water/gas consumption
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OTHER ARTICLES

DORA OPTOINSULATED INPUT DUPLICATOR MODULE



Optoinsulated command interface (2 interfaces with 1 input replicated on 4 outputs), 12V DC power supply to create small scenarios turn off/close all that involve at most 4 cards without the use of Vesta.

CODES

HA03000 Duplicator of optoinsulated inputs for unified 3-module box or greater.

URSULA RS485 BUS HUB



485 BUS regenerator hub for disconnection of major systems, recommended to provide cover of large distances via bus or simply to disconnect the bus (up to 4 zones). 12V DC power supply

CODES

HA02000 485 BUS regenerator for unified 3-module box or greater.

OTHER ARTICLES

IRIS IR TRANSMITTER

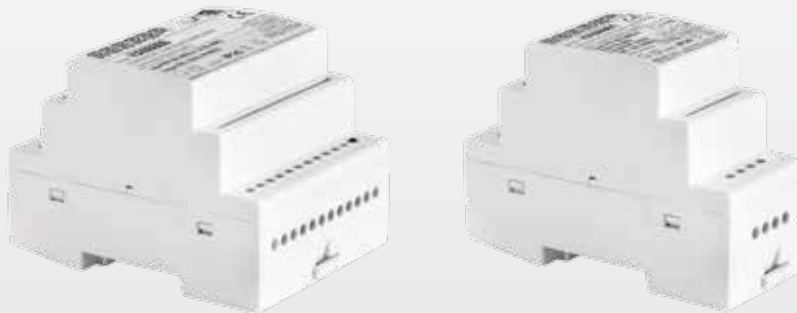


Infrared transmitter to control devices with IR, 12 V DC power, RS-485 communication bus.
Requires Vesta installed in the system.

CODES

- | | |
|----------------|---|
| HA11000 | IRIS card with transmitter included (3 mt cord) |
| HA11500 | IR transmitter with 3 mt cord for IRIS. |

12V DC POWER SUPPLY UNITS



12 V DC power supply units, max 4A (HA06000) and max 1.9A (HA06001) for installation on DIN EN 55022 guide.
Can be used to power: Vesta, Tosca, MicroEva, Ingrid, Tamara, Agata, Dora, Ursula and all accessories for civil series requiring 12 V DC power supply (not Difra).
Refer to the manuals of each device for system size.

CODES

- | | |
|----------------|---|
| HA06000 | 12V DC 4A power supply, 4 DIN modules |
| HA06001 | 12V DC 1,9A power supply, 2 DIN modules |

MODO, STEEL, MIX



MODO STEEL series
with Titanium frame and Steel ring

Valuable, elegant finishes to frame UNA's wall-mounted commands, where the fascination of glass combines with the technology and reliability of the civil series MODO, STEEL and MIX. The best accessory to coordinate commands with the frame of Tosca, precious added value to home furnishings. Thanks to the wide range of finishes and customisable colours, the Una glass plaques give the right touch to each and every ambiance of the automated home.



MODO series, grey
with Black frame and Grey ring



MODO series, white
with White frame and White ring



MIX series
with Soft Green frame and White ring

DIFRA



Difra is the UNA System's custodian. It can guarantee you access to your space, privacy and all the assistance you may need.

FUNCTION

Difra allows you to control access in a residential, hotel or service environment through cards equipped with RFID devices, supplying differentiated signals to the outside. Difra has two relay outputs designed to command an electrical lock and a courtesy light, where applicable.

CONNECTIONS

Difra has 3 digital inputs, an RFID reading aerial, a 12V relay for electrical locks, a 230V~ relay for courtesy lights, 12V AC power supply and RS-485 bus connection.

TECHNICAL CHARACTERISTICS

Difra is a proximity RFID reader available in the various finishes of the civil series Modo, Steel and Master Mix. For built-in installation, it requires a 3-module support. Alternatively it can be installed on a 4-module Master table box.

Difra features the dual option of operating both in stand-alone mode and in bus mode. When operating in stand-alone mode, Difra is matched to the code of a RFID, named MASTER. This associates or removes other RFID cards to and from the device. In bus mode, the association and removal of RFID cards to and from each device can be managed dynamically. This allows for a change in real time in terms of people with authorized access, and limits timetables for this, where required.

If a card fitted with RFID is brought close to Difra, you have a signal of correct or incorrect card. In the first case, correct recognition enables the device relays, for example opening an electrical lock and turning on a courtesy light. The other inputs allow you to configure the 'presence in room' signal and the 'do not disturb' signal, which can be enabled by the guest using a specific command.

Difra is always supplied with a white RFID badge card.

CODES

HA02010	Difra module for access control, with Modo grey finish.
HA02011	Difra module for access control, with Modo Steel finish.
HA02012	Difra module for access control, with Modo white finish.
HA02013	Difra module for access control, with Mix finish.
HA02021	Additional neutral RFID badge.
HA31004	Set of additional terminals for Difra cards (3 pieces).

DOMOLOGIC BUTTON

SINGLE BUTTON USE



HA10010



HA10011



HA10012



HA10013

Dual electronic button (max. 24V DC, 10 mA), quiet with optional blue back-lighting. Connects to Eva in the same way as a traditional electro-mechanical button and requires 12-18V DC power supply for back-lighting.

CODES

HA10010	MODO series, grey
HA10011	MODO STEEL series
HA10012	MODO series, white
HA10013	MIX series

DUAL BUTTON USE



HA10010



HA10011



HA10012



HA10013

OTHER ARTICLES

1-MODULE THERMOSTAT



HA10410



HA10411



HA10412



HA10413

Thermostat for zone heat regulation management with 1 module. Displays the zone temperature, sets the summer/winter function and sets the 4 operating modes (thermostat timer, minimum and maximum temperature, off)

CODES

HA10410	MODO series, grey
HA10411	MODO STEEL series
HA10412	MODO series, white
HA10413	MIX series

IR MODULE



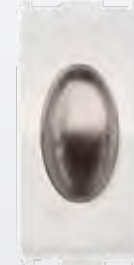
HA10510



HA10511



HA10512



HA10513

Vesta accessory for the use of commands and scenarios through standard infrared television, DVD player and Hi-Fi remote controls or multimedia remote controls. Takes up 1 module of the Master civil series.

CODES

HA10510	MODO series, grey
HA10511	MODO STEEL series
HA10512	MODO series, white
HA10513	MIX series
HA10514	Neutral sensor (electronic only)

OTHER ARTICLES

LIGHT SENSOR



HA10530



HA10531



HA10532



HA10533

Flux accessory for automatic dimmer management.
Takes up 1 module of the Master civil series.

CODES

HA10530	MODO series, grey
HA10531	MODO STEEL series
HA10532	MODO series, white
HA10533	MIX series
HA10534	Neutral sensor (electronic only)

NTC TEMPERATURE PROBE



HA10630



HA10631



HA10632



HA10633

Therma accessory for the detection of room temperature.
Takes up 1 module of the Master civil series.

CODES

HA10630	MODO series, grey
HA10631	MODO STEEL series
HA10632	MODO series, white
HA10633	MIX series
HA10634	Neutral sensor (electronic only)

OTHER ARTICLES

HUMIDITY SENSOR



HA10710



HA10711



HA10712



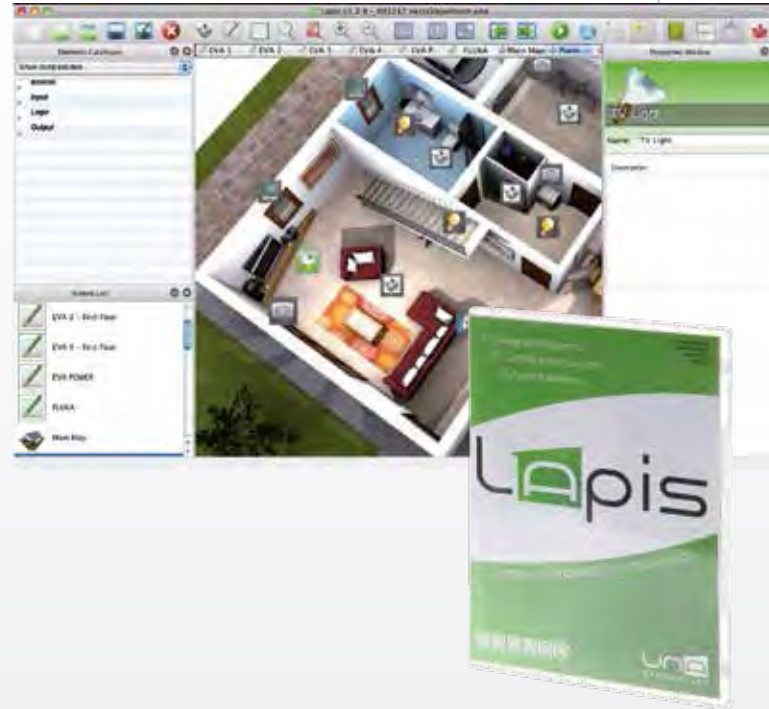
HA10713

Vesta accessory for the detection of room humidity.
Takes up 1 module of the Master civil series.

CODES

HA10710	MOD0 series, grey
HA10711	MOD0 STEEL series
HA10712	MOD0 series, white
HA10713	MIX series

LAPIS



Lapis is system design, naturally.

FUNCTION

Lapis is the tool allowing the installer to configure and set up the UNA system simply and efficiently. It also allows him to intervene quickly where assistance is required.

TECHNICAL CHARACTERISTICS

Lapis software is used to programme UNA system components. It uses a simple, intuitive interface designed to facilitate self-teaching. Lapis is multi-platform and multi-lingual: a single DVD contains the installation software for Windows® XP, Vista, 7, 8.1 and 10, MacOS® from 10.5 to 10.10 and the major Linux distributions.

Lapis connects to the individual Eva cards using the USB-RS-485 Clavis adaptor, or to the Vesta card using the Ethernet network. It can simultaneously programme all system components. The self-configuration functions allow the designer to deal merely with the definition of the system, leaving Lapis to carry out all technical checks and more complex programming.

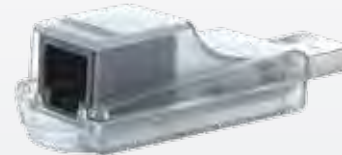
Lapis automatically updates over the internet, thereby notifying new features as they become available, and allowing you to have the latest release at all times, and all UNA system components updated.

Finally, Lapis allows you to save and recover your Vesta project and allows the designer to make a protected project back-up on the Sidera web service. This guarantees data security over the years.

CODES

HW10100 Lapis system programming software. DVD for Windows®, MacOS® and Linux.

CLAVIS



Clavis is the entrance key to the UNA system.

FUNCTION

Clavis allows Lapis software to communicate with Eva, EvaPower, Difra and Fluxa cards fitted with bus ports.

CONNECTIONS

Clavis has a male USB 2.0 connector and an RS-485 bus connection on RJ11 telephone type socket.

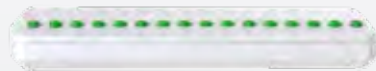
TECHNICAL CHARACTERISTICS

Clavis converts a signal from USB to miniaturised RS-485 bus. It is compatible with Windows®, MacOS® and Linux® systems. Clavis installs automatically on Windows® Vista, 7, 8.1 and 10 whilst the drivers for other operating systems can be installed from the Lapis DVD.

CODES

HA01000 Clavis converter from USB to RS-485 for Windows®, MacOS® and Linux.

EVA SIMULATOR



EvaSimulator is the demonstrative card that reproduces all the functions of the Eva and EvaPower cards to simulate and test system designs.

FUNCTION

EvaSimulator simulates the management of lighting, blinds, electric pumps and solenoid valves (heating, irrigation), boilers, motors and all input types.

CONNECTIONS

EvaSimulator has 16 buttons to simulate inputs, 10 LEDs to simulate relay outputs and a mini-USB port for powering from a PC and communication with the Lapis software.

TECHNICAL CHARACTERISTICS

EvaSimulator is the demonstration and test tool for the UNA system in that it allows for the simulation of the Eva card with its 16 inputs on buttons and 10 outputs on LEDs. The power supply and communication are provided by a single USB connection that therefore also eliminates the need to use Clavis.

EvaSimulator can be set up as you wish, using the simplified software programming interface designed by Lapis or with the demonstration version Lapis Demo.

CODES

HS03000	EvaSimulator card 16in 10out.
HW10300	Kit with demo version of Lapis and EvaSimulator card.

MASTER

LIVING TECHNOLOGY

Master Srl Divisione Elettrica

Via Tognato 16 - 35042 Este IT

T +39 0429 602777 - F +39 0429 601247

www.master.it

www.domologica.com



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AUTOMATION
EVOLUTION FOR ALL



WWW.DOMOLOGICA.COM

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