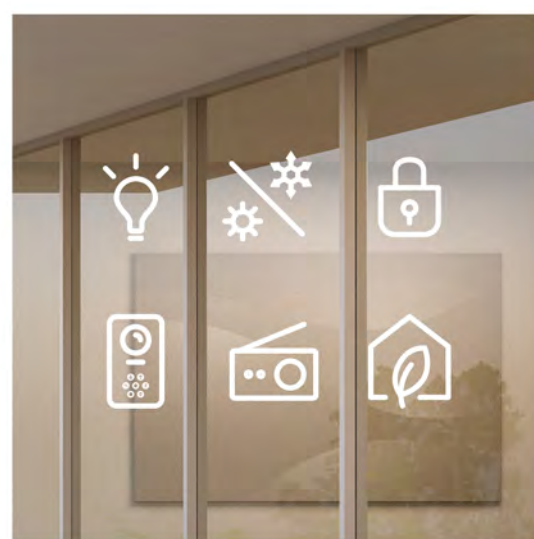
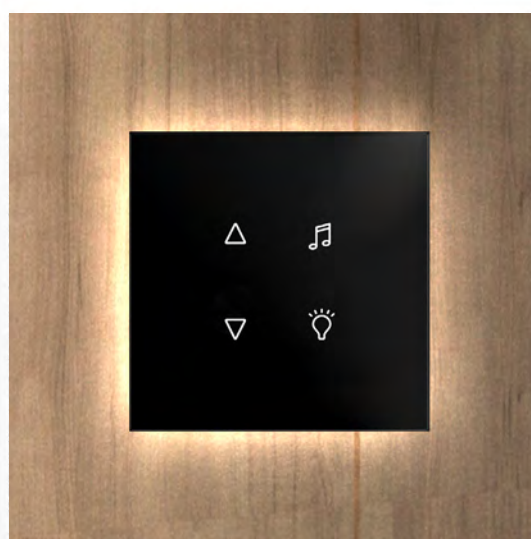


For all your Smart
Home and Smart
Building projects



Product Catalogue

An innovative, upgradeable home automation system

Today, smart technology is everywhere. Invisible and performing, it can offer a variety of services. Behind the Smart Home (or home automation), however, there are very different visions. Generalist home automation, installed individually, often without a global vision of the project. The other is designed to bring real added value, integrating the latest technologies and intended for ambitious real estate projects.

DOVIT has chosen this second approach with a discrete, innovative and evolving home automation system that brings together all smart services of a building or flat in one single interface.

Why are we different? We supply a hybrid and multi-protocol technology that allows the largest number of devices to be connected to each other. The end user will be able to upgrade his or her home over time, according to personal needs, without brand and model constraints. For large-scale real estate projects, we can develop tailor-made products and services that meet everyone's needs and create real value. DOVIT is an ideal partner for the implementation of high-tech real estate projects. DOVIT stands for a subtle alchemy between cutting-edge technological solutions and the real needs of users.

DOVIT is a European company with an R&D division based in Italy and the manufacturer of the DOVIT home automation system. As a manufacturer and retailer, DOVIT operates in the field of technical management of buildings and Smart Homes.

The technological heart of DOVIT was born in 2005 through a platform entirely conceived and produced in Italy by the company Home Innovation. Since its inception, Home Innovation has been considered the benchmark among home automation integration and supervision products. Over the years, Home Innovation has continued its specialisation by expanding its solutions, but also by strengthening its compatibility with multiple 'open' and 'proprietary' products, among the most popular on the market.

DOVIT was founded in 2016 when Home Innovation met Promobe, one of the leaders in the European real estate development and construction market. The result is a large range of products optimized for large real estate projects.

DOVIT's ambition is to support, with products and services, the construction of modern systems, adapted to the customer's technological preferences, in which different brands and technologies work in perfect harmony, ensuring an integrated, synergistic and unconstrained system.

Through a multidisciplinary team, DOVIT designs and develops all its products internally.

Our research and development team, focused exclusively on products for Smart Homes, guarantees solutions that are always at the forefront and compatible with the newest technologies.

With more than a decade of experience in supporting designers and installers and through collaborations with several universities, DOVIT stands for competence and reliability.





DO.Control
Control and integration units

DO.Connect
Input/Output Bus Modules

DO.Tatto
Smart touch switches

DO.Touch
Wall-mounted touch screen

DO.KNX
KNX technology

DO.Air
Wireless modules

DO.App
Control and management App

DO.Energy
Energy management and analysis

DO.Security
Security systems

DO.Comm
Video door-phone and access

DO.Media
Multimedia and entertainment systems

DO.Link
IoT services integration

DO.Lab
Laboratory for technological innovations

DOVIT team
Training and qualified support

The advantages of a DOVIT Smart Home

Modular and integrated

Our solution allows you to manage different subsystems and protocols at the same time. With DOVIT you can create a system for a high-tech home or building (residential, hotel, commercial, workspaces, etc.), maximising the cost/benefit ratio. maximisant ainsi le rapport coûts/bénéfices.

Flexible and customisable

DOVIT allows you to combine multiple technologies without brand and protocol constraints, such as wired, wireless or KNX technology, or a hybrid system that includes all three technologies. You will thus realise a unique system that meets the functional and budgetary, but also the aesthetic requirements of the end user.

Always evolving

A Smart Home is constantly evolving. The DOVIT platform can be expanded at any time with different products, even after installation. DOVIT is compatible with multiple open source and proprietary products among the most popular on the market. With DOVIT, your system will never be obsolete and will accompany you over time, through all the technological evolutions of your Smart Home.

Easy to use

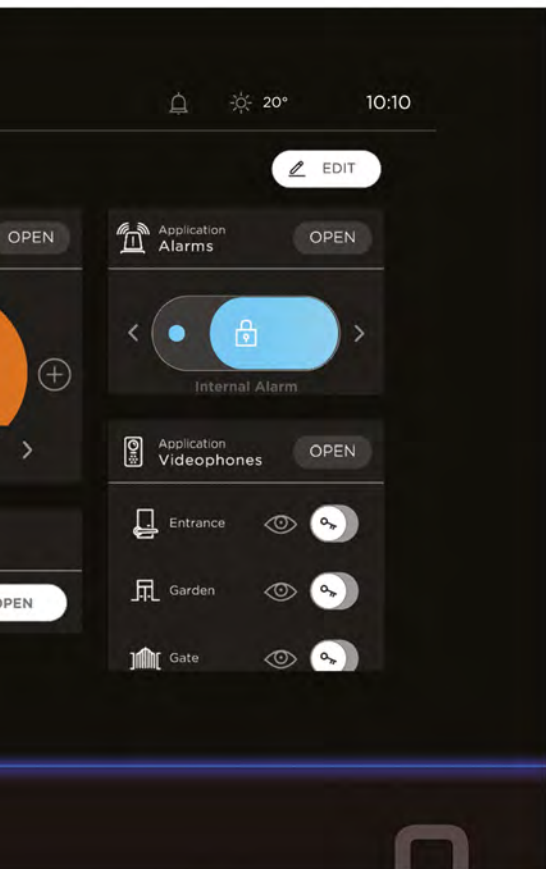
All functions can be managed through a user-friendly and customizable app that can be installed on multiple devices such as a PC, tablet or smartphone. The functions can also be managed by traditional and programmable buttons, as well as by voice control. The DOVIT system has an extremely intuitive interface and is easy to use, flexible and customisable.

Complete

DOVIT is a professional platform for universal integration, consisting of field modules and multi-standard supervision and integration units. The supplements of the DO.Control line manage different protocols (EIB/KNX, ModBus, DMX, Dali, Zigbee, etc.) and technologies, in one single solution. The platform is completed by:

- a fieldbus solution with digital and analogue inputs and outputs (DO.Connect);
- a complete range of security systems (DO.Security);
- a wide range of touch screens and touch switches (DO.Touch, DO.Tatto);
- solutions for the management and analysis of energy consumption (DO.Energy);
- products dedicated to multimedia animations (DO.Media);
- a wireless home automation solution compatible with many connected devices (DO.Air); ... and much more

Discover all our products and the benefits for designers, installers and end users.



DO.Control

The heart of the DOVIT Smart Home

DO.Control is an efficient tool that allows you to integrate and control different technologies in one single system.

M-Bus

 DALI

 KNX

DMX

 zigbee

HVAC

BACnet

 Modbus

Security

Voip-SIP



Amazon Alexa, Google Home, Mitsubishi Electric, Microsoft, Daikin, Hue, AVS Electronics, Apple
Spotify, Android, Uniview, Siemens, Frogmus, Supporto TVCC universale: JPG / MJPG / RTSP / Dahua / Hikvision / Risco
Telegram, 2N, Samsung, iOS, AirZone, Wyrestorm, Tutondo, LG, Giacomini, Caleffi, Danfoss... e molti altri



Management, supervision and control of all applications

Statuses and functions are updated, stored and sent in real time to a single user interface available as a native iOS, Android, Win, Linux and MacOS application.



Continuity of use of all applications, even without Internet

The DOVIT server guarantees secure, confidential and fast access to the graphical management interface, either locally, without relying on cloud servers, or remotely via the Internet.



Intercommunication between previously incompatible technologies

The DOVIT integration platform allows different technologies to talk to each other intelligently. The system is therefore evolving without brand constraints and ensures fast, reliable and secure connections.

It is possible, for example, to optimise consumption by making energy consumption and production equipment (heat pumps, photovoltaic panels, boilers, air conditioners, etc.) communicate intelligently with the solar shading system (shutters, roller shutters, sunshades, curtains...) and the electrical system.



Customisable programming

The DOVIT system allows you to activate multiple functions of different systems, with a single action or a single event, thanks to the custom creation of scenarios, control logics, timings, schedules...

For the safety of the Smart Home, it is possible, for example, to create a presence simulation and deterrence scenario by activating lighting, audio-video, motorisations, etc. in case of intrusion.

DO.Control is available in six different versions depending on the type and size of the building

Smart Server - Management, supervision and integration unit

Universal home automation control and integration unit for multi-system control and multi-technological and multi-standard supervision.

Manages up to 10,000 control and connection points, 128 simultaneous (user) IP client connections with direct access (no external cloud required) with the DOVIT DO.App. 1,000 scenarios and 1,000 programmable logic events, dedicated time programmer for each of the 10,000 points managed.

Thanks to DO.Control and its expansions, you can manage most sub-systems (air conditioning, thermal power plants, irrigation, alarm, fire, energy, video control, photovoltaic, multimedia, etc.) through standard protocols (KNX, ModBus, Zigbee, Dmx, Dali, etc.) or the most popular owners on the market.



D-BOX-UNIV-DMK-100	Manages up to a maximum of 100 control and connection points. Supports simultaneous connection (from DO.Touch and DO.App) for up to 3 users. Manages up to 16 different user profiles. Size: 4 DIN modules
D-BOX-UNIV-DMK-500	Manages up to a maximum of 500 control and connection points. Supports connection (from DO.Touch and DO.App) for up to 6 users. Manages up to 16 different user profiles. Size: 4 DIN modules.
D-BOX-UNIV-DMK-5000	Manages up to a maximum of 5.000 control and connection points. Supports connection (from DO.Touch and DO.App) for up to 32 users. Manages up to 16 different user profiles. Size: 4 DIN modules
D-BOX-UNIV-KDM-200	KNX IP Unit and management TP, supervision and universal integration. Manages up to 200 points and up to 6 simultaneous IP client connections, regardless of the number of user profiles and the number of authorized devices (e.g. smartphone, ipad, tablet, touch screen, etc.) and supports DOVIT DO.Connect bus devices natively. Size: 4 DIN modules.
D-BOX-UNIV-AIR-200	Hybrid integration server: wireless and/or wired. Integrates up to 50 certified wireles Zigbee devices (thermostatic valves, bulbs, I/O modules, multimeters, repeaters, etc.) and supports natively DOVIT DO.Connect bus devices. Including data loggers for recording and displaying data from all systems connected to the home automation system (energy consumption and production, temperature, opening percentage and other analog values). Manages up to 200 control and connection points. Size: 4 DIN modules
D-BOX-UNIV-DMK-10000	Manages up to 10.000 control and connection points as well as the connection of 128 simultaneous users. Installation: wall-mounted with brackets included or alternatively on DIN rail. Also compatible with the additional Bacnet and LonTalk extensions. SIP VoIP telephone switchboard with 5 extensione included. Size: 5 DIN modules on two lines (10 modules).




Smart Server activation licences available at the time of order and after installation

D-KNX-INT-50	Integration driver for up to 50 EIB/KNX group addresses.
D-KNX-INT-FULL	Unlimited EIB/KNX group address integration driver. Already included in the D-BOX-UNIV-KDM-200.
D-MODBUS-50	Integration driver for up to 50 ModBus points (ModBus Master).
D-MODBUS-FULL	Integration driver without ModBus point limit (ModBus Master)
D-MODBUS-SV	Integration driver with ModBus Slave function for controlling and managing the Dovit server from external ModBus master systems or for interfacing with other Dovit servers without limitation of ModBus points
D-ENERGY-LOG	Memory and driver for the recording and representation of energy and temperature data and of all points managed by the integrator.

Expansions of the number of control and connection points

D-V-DPT-100	Universal DO.Control expansion for the management of control and integration points. Allows to integrate, supervise, schedule, store and create logical relationships of up to additional 100 points, regardless of the integrated subsystems and technologies. It also allows to add 3 simultaneous users.
D-V-DPT-200	Universal DO.Control expansion for the management of control and integration points. Allows to integrate, supervise, schedule, store and create logical relationships of up to additional 200 points, regardless of the integrated subsystems and technologies. It also allows to add 3 simultaneous users.
D-V-DPT-500	Universal DO.Control expansion for the management of control and integration points. Allows to integrate, supervise, schedule, store and create logical relationships of up to additional 500 points, regardless of the integrated subsystems and technologies. It also allows to add 3 simultaneous users.
D-V-DPT-2000	Universal DO.Control expansion for the management of control and integration points. Allows to integrate, supervise, schedule, store and create logical relationships of up to additional 2.000 points, regardless of the integrated subsystems and technologies. It also allows to add 16 simultaneous users.
D-SECURITY-IP	Control driver for the IP integration of the supported intrusion detection systems: Risco Prosys, Prosys Plus, LightSys, LightSys2 LightSys Plus and Agility via IP card, AVS with eWeb card. The driver provides the status of each zone, partition or sector, sector alarm and zone; it allows sectors/partitions to be switched on and off and zones to be excluded. Each intrusion detection function is available to the platform for supervision and graphical user management, for the realisation of scenarios and additional logics that include all systems connected to the platform.
D-SECURITY-3IP	Driver for IP integration of alarm systems up to a maximum of 3 simultaneously (even multi site), it is therefore possible to supervise, from a single app, and to make several even distributed control centres communicate with each other at different sites.

DO.Control Expansion Accessories

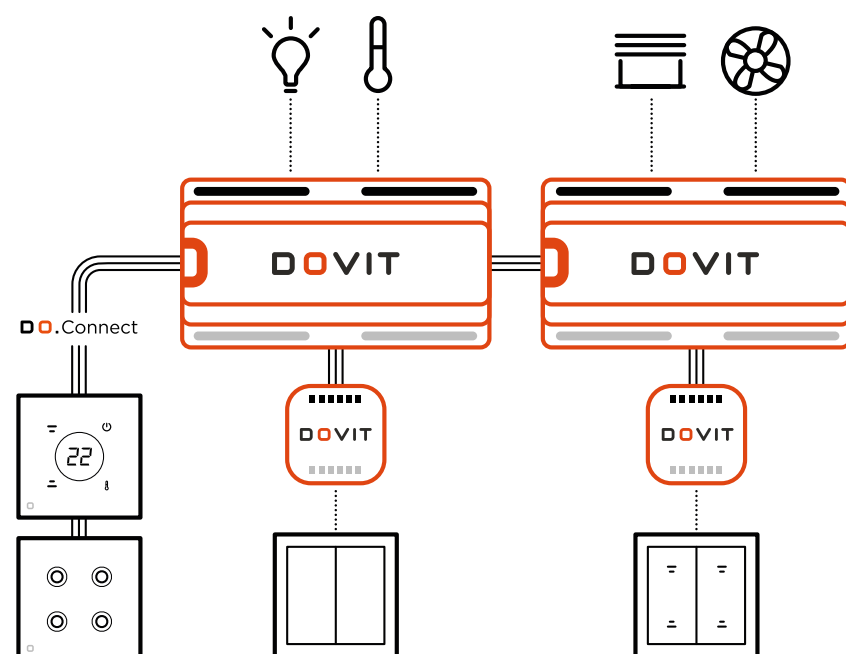
DC-BIO-KEY	Biometric fingerprint reader 485. Up to 99 fingerprints can be stored. Possibility of using different scenarios depending on the recognised fingerprint. For the connection to the smart server, the D-USB-BKEY interface is required.	
D-INT-DMX-DALI	IP interface - Dmx (512 channels) and Dali (max 63 channels). Dimensions: 4 DIN modules. Power supply 12-24 VDC Ethernet connection (DO.Net).	
D-MR-A-01	ModBus RTU 485 converter into 4 analogue outputs 0-10V max 5mA active (supplies current, typical use in HVAC e.g. VMC).	
D-IR-TRANS	Programmable infrared transmitter with integrated "IR Learner" (programming up to 900 different IR codes). Connection via Ethernet DO.Net.	
D-USB-MODB	USB/ModBus 485 cable for D-BOX-UNIV-10000 connection with ModBus RTU 485.	
D-USB-BKEY	USB/ModBus 485 interface for connecting DO-BOX-UNIV-DMK with DC-BIO-KEY biometric readers.	

Networking for dedicated network infrastructure: DO.Net

DO-N-EASY-WP	Router with firewall preconfigured to create a DO.Net network dedicated to home automation, 4 LAN ports 10/100 Mbps Fast Ethernet, 1 WAN port, 1 access point (max 10 Wifi accesses on LAN), 1 port for "dongle" modems SIM (SIM and "dongle" excluded). Throughput routing 90 Mbps with WI-FI, VPN Tunneling.
DO-N-EASY-W	Router with firewall preconfigured to create a DO.Net network dedicated to home automation, 4 LAN ports, 1 WAN port, 1 access point (max 10 WiFi accesses on LAN). Routing capacity 90 Mbit/S with WI-FI.
DO-N-SWITCH	Managed Switch 16 ports with Rack mounting for DO.Net Gigabit network expansion.
DO-ALM-POE	PoE power supply for video door-phones and DO-TOUCH-4-W touch screen.

Programmable fieldbus modules

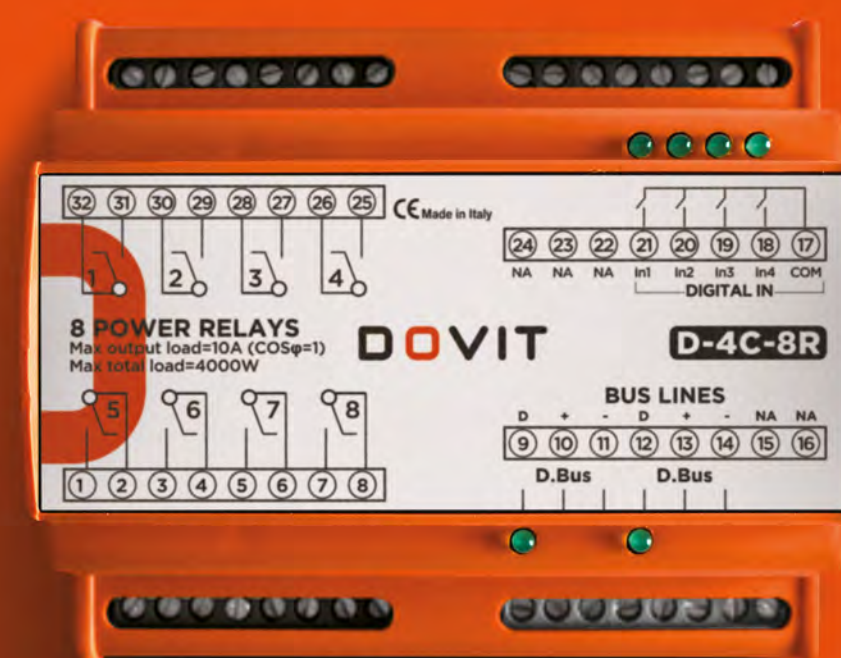
DO.Connect is a distributed logic bus system based on programmable field intelligence modules. The DO.Connect bus system can also be operated without an integration unit and without a touch screen.



The strengths of DO.Connect

Wide choice of components, available in versions for 503, 502, D60 flush mount boxes and on DIN rail, it allows a quick installation both in the case of renovation and new construction, whatever its purpose is (single-family house, residential, retail, hotel, office, etc.)

The controls and actuators can be of any brand, DO.Connect has interfaces for standard, digital ("clean" contacts) and analog inputs (0-10V, 1-10V, 0-5V, temperature probes), for power relay outputs and standard analogue outputs (0-10 V, 1-10 V, dimmer pwm, dali and 230Vac).



DO.Connect, a distributed logic bus

OUTPUTS - main functions and controls

Digital relay outputs

- Light control (direct, inverted, timed, step-by-step)
- HVAC valves, recirculation pumps and consents control
- Motor automation and up and down interlocking
- Time adjustment for sunshade slat management

Analog

- Dali Master for advanced light intensity control
- 1-10V for dimmable power supply control
- 0-10V with phase cut relay for fancoil control and valve 230VAC LRC dimmer for phase cut adjustment
- Compatibility with all controls of the DO.Tatto bus smart switches

INPUTS - main functions and controls

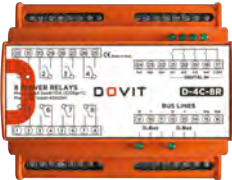

Digital


- Single pairing both NO and NC
- Multiple and group control
- Dual function of quick or prolonged pressure Dimmer control
- Shutters up and down control and sunshade rotation


Analog

- Temperature, humidity and brightness probe Heating and cooling control
- Proportional logic (analogue and pwm on single valve) 3-speed fancoil and zone valve control
- Commande de fancoil à 3 vitesses et vanne de zone






I/O MODULES FROM ELECTRICAL PANEL OR BRANCHE




D-4C-8R	Bus Module, 4 digital inputs for clean contact controls (NO and NC) and 8 10A relay outputs (230Vac, 12, 24 and 48 Vdc). Installation: flush mount boxes type PT-6, 7 and 8 and electrical panel. Mounting on DIN rail (6 modules). Maximum power of relay outputs simultaneously: 4.000 W.	
D-6C-8R	Bus Module, 6 digital inputs for clean contact controls (NO and NC) and 8 10A relay outputs (230Vac, 12, 24 and 48 Vdc). Installation: flush mount boxes type PT-6, 7 and 8 and electrical panel. Mounting on DIN rail (6 modules). Maximum power of relay outputs simultaneously: 4.000 W.	
D-2A4C-8R	8R Bus module, 4 digital inputs, 2 analogue inputs for temperature and analogue probes and analog sensors (0-10 Vdc, 1-10 Vdc), 8 relay outputs 10A. Installation: flush mount boxes type PT-6, 7 and 8 and electrical panel. Mounting on DIN rail (6 modules). Maximum power of relay outputs simultaneously: 4.000 W.	
D-4C-8R-DALI	Bus Module, 4 digital inputs for clean contact controls (NO and NC) and 8 10A relay outputs (230Vac, 12, 24 and 48 Vdc). Dali bus output master, powering up to 32 Dali slaves and controls up to 8 Dali channels between single and group addresses. It can control up to 8 additional Dali channels using the relay in phase cut operation for a total of up to 16 Dali channels. Installation: flush mount boxestype PT-6, 7 and 8 and electrical panel. Mounting on DIN rail (6 modules). Maximum power of relay outputs simultaneously: 4.000 W.	
D-6C-8R-DALI	Bus Module, 6 digital inputs for clean contact controls (NO and NC) and 8 10A relay outputs (230Vac, 12, 24 and 48 Vdc). Dali bus output master, powering up to 32 Dali slaves and controls up to 8 Dali channels between single and group addresses. It can control up to 8 additional Dali channels using the relay in phase cut operation for a total of up to 16 Dali channels. Installation: flush mount boxes type PT-6, 7 and 8 and electrical panel. Mounting on DIN rail (6 modules). Maximum power of relay outputs simultaneously: 4.000 W.	

D-0-1C-300-DIM-DALI	Dali Converter - Universal dimmer RLC 1 DIN module. Suitable for 230Vac powered LEDs. Checked via Dali (accessory that can be combined with D-xC-8R-DALI) max 25 W min 5 W. Installation: flush boxes or ceiling.	
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D-ALM-4A	Stabilized 4A Bus Power Supply, 230Vac Input, 13,8Vdc Output with double clamp (+/-). Power supply unit not parallelable with other bus power supplies; to create several powered bus sections, the specific bus coupler must be used (D-SEZ). Size: 3 DIN modules.	
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I/O MODULES FROM DERIVATION, FRUIT SOCKET OR CONTROL BOXES

D-4WC-0	Bus Module, 4 digital inputs with wires and terminals. Installation: flush mount boxes type D60, 502 and 503.	
D-8WC-0	Bus Module, 8 digital inputs with 4 wire and 4 terminal inputs. Installation: flush mount boxes type D60, 502 and 503.	
D-4W-4CL	4 digital inputs with 4 wire inputs and 4 outputs on terminals for controlling and powering the backlight LEDs (5Vdc-15mA). Installation: flush mount boxes type D60, 502 and 503.	
D-SEZ	Disconnecter DO.Bus. It divides a DO.Bus powered sub-line (3 wires) with the bus backbone (2 wires). In case of maintenance on a line, the disconnecter isolates and allows the normal operation of the other lines on the backbone. Necessary when multiple powered lines are made. It also acts as a signal repeater. Installation: flush mount boxes type D60, 502 and 503, junction box or switchboard with appropriate DIN accessory. Size 43 x 43 x 22 mm.	
D-0-1C-25-DIM-DALI	Dali Converter - Universal dimmer RLC 1 DIN module. Suitable for 230Vac powered LEDs. Checked via Dali (accessory that can be combined with D-xC-8R-DALI) max 25 W min 5 W. Installation: flush boxes or ceiling.	
DC-DA-0-010V	Dali converter module to 0-10 and 1-10 VDC current sink type, 1 output for dimmer. Installation: flush-mounted or ceiling boxes To be associated with the D-xC-8R-DALI module.	
DO-BUS-USB	USB/DO.Connect interface (opto-isolated). Necessary for the cable programming of the logic of all bus modules: DO.Connect and DO.Tatto. DO.Connect system programming.	
D-INT-USB-DALI	USB/Dali interface for programming Dali addresses.	

D-RDT-CT	Temperature probe Miniaturized 10K (2 mm) for D-2A4C-8R and for remote probe DO.Tatto.	
D-RDT-CT-M	NTC Temperature probe with fixing support and metal mask, for D-2A4C-8R and for DO.Tatto remote probe.	
D-RDU-CT-010V	Relative and active humidity probe (10-95%) with 0-10Vdc output. For D-2A4C-8R.	

DO.Connect, third-party systems integration

- Thermal power stations**
Integration and regulation of thermal power plantsadvanced third party heatingand/or radiant cooling (floor, wall or ceiling) via Dovit kits for themanagement of mixing valves.
- HVAC pour unités internes**
Passerelle ModBus RTU 485 à installer sur chaque unité intérieure split ou gainable disponible pour les marques Mitsubishi Electric, Toshiba, Daikin, Sanyo, Fujitsu et bien d'autres.
- HVAC: VRV, VRF**
Accessories for the integration of third party systems to busses type VRV, VRF. With a single accessory it is possible control every single internal and external device connected to the system such as e.g. n Samsung NASA, Daikin, Mitsubishi systems etc.
- HVAC for native ModBus devices**
With only ModBus 50 or ModBus full driver it is possible to integrate any device that natively provides for the ModBus protocol RTU 485 or ModBus IP without the need to add more gateways.

Integration and regulation of advanced third-party thermal power plants

- D-CT-GCM-KPM30**

Heating and/or cooling system regulation kit with 3-way 0-10V valves with consensus input/output with ModBus card for interfacing with DOVIT Smart Server. Kit consisting of KPM30 and KPM36Y001, including delivery temperature probe, external temperature probe and connector kit.
- D-CT-GCM-KPM30-2V**

Heating and/or cooling system regulation kit with two 3-way 0-10V valve with consensus input/output with ModBus card for interfacing with DOVIT Smart Server.
Kit consisting of KPM30Y002 (Central Unit) + KPM36Y001 (ModBus card) + K497Y001 (Connector Kit) + K465PY001 (Outdoor Temperature Probe) + 2 x K463PY001 (temperature delivery probe).



Gateway for third-party HVAC systems integration: VRV, VRF (MITSUBISHI, DAIKIN, SAMSUNG, LG, FUJITSU)

- Accessories for the integration of third party systems to VRV, VRF Buses.
With a single accessory it is possible to control every single internal and external device connected to the system.
- | | |
|--------------------------|--|
| DC-INT-MITBE-IP-M | Mitsubishi Electric IP Connection with EW-50, GB-50A, AG-150A, AE200 |
| DC-INT-MITBH-MBS | Mitsubishi Heavy Industrial RTU 485 ModBus Connection |
| DC-INT-LG-MBS-M | LG RTU 485 ModBus Connection |
| DC-INT-SMG-MBS-x | Samsung NASA ModBus RTU Connection 485, X=8, 16, 32, 64 maximum quantity of indoor units |
| DC-INT-DKN-M | Daikin Daikin USB-LONTALK connection with DCS601C51 (available for D-BOX-UNIV-10000) |



Gateway for HVAC integration of indoor devices (MITSUBISHI, DAIKIN, FUJITSU, TOSHIBA, SANYO)

- RTU 485 ModBus gateway to be installed on each split or ducted indoor unit available for the brands:
- | | |
|---------------------------|--|
| DC-INT-MITBE-MBS-1 | for Mitsubishi Electric DOMESTIC & MR.SLIM indoor units |
| DC-INT-DKN-MBS-1 | for indoor units for residential line Daikin split systems |
| DC-INT-FJT-MBS-1 | for Fujitsu indoor units |
| DC-INT-TSH-MBS-1 | for Toshiba indoor units |
| DC-INT-SNY-MBS-1 | for Sanyo indoor units |



Integration gateways are available for many other brands. For more information please get in touch with your Dovit contact person.



A single product... multiple functions

The DO.Tatto product line consists of:

Bus control plate for touch switch, up to 9 controls, with temperature probe and humidity probe

Thermostats with display, revolving temperature control and 3 other freely programmable controls



Management of all types of lighting points



Motors, curtains and blinds in general



Multimedia management, doors, alarm, etc. The possibilities are manifold



Integrated control of temperature and humidity



CONTROL PLATE FOR TOUCH SWITCH WITH INTEGRATED PROBE



Each touch control can be configured with a short and a long single-touch, and a short and long palm touch.



The operating electronics and customised glass with icons are sold separately to ensure maximum flexibility in design and programming.

Only 6 products to meet all your needs!

D-KP-85: configurable in 1, 2, 4 and 6 touch controls (plus “palm touch”), available with temperature probe (**D-KP-85-T**) or humidity and temperature probe (**D-KP-85-TH**).

D-KP-125: configurable in 1, 2, 3, 4, 5, 6 and 9 touch controls (plus “palm touch”), available with temperature probe (**D-KP-125-T**) or humidity and temperature (**D-KP-125-TH**).



Tempered glass surface, durable and easy to clean.

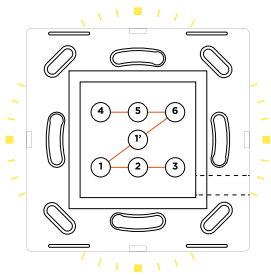
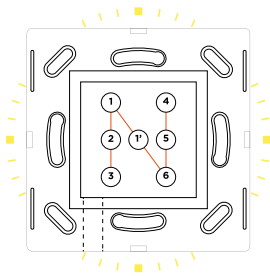
The installation system is flexible and in conformity with every European standard, D60, 502 and 503.



If round flush mount boxes D60 or 502 are used, the vertical and horizontal installation can be chosen also after the installation. All models are compatible with round flush mount boxes D60 or 502. The models KP-125-xx (dim. 125x85mm) are also compatible with the flush mount box 503.

Tatto control plate for touch switch 85x85mm – 6 touch controls

The control plate can be mounted “N-like” (horizontal) with a probe at the bottom or “Z-like” (vertical) with a probe on the right. The numbering of the touch controls remains unchanged. Depending on the model, they are available with temperature and humidity control.

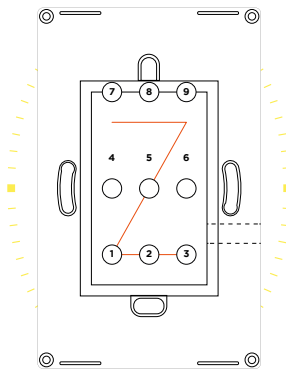
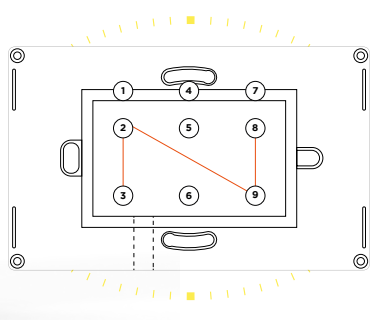


Product code	Model	Details
D-KP-85	86	6 + 6 single controls + 1 + 1 multiple
D-KP-85-T	96	6 + 6 single controls + 1 + 1 multiple + 1 temperature probe
D-KP-85-TH	76	6 + 6 single controls + 1 + 1 multiple + 1 temperature and humidity probe

Tatto control plate for touch switch 125x85mm – 9 touch controls

The control plate can be mounted “N-like” (horizontal) with a probe at the bottom or “Z-like” (vertical) with a probe on the right. The numbering of the touch controls remains unchanged.

Depending on the model, they are available with temperature and humidity control.



Product code	Model	Details
D-KP-125	89	9 + 9 single controls + 1 + 1 multiplei
D-KP-125-T	99	9 + 9 single controls + 1 + 1 multiple + 1 temperature probe
D-KP-125-TH	100	9 + 9 single controls + 1 + 1 multiple + 1 temperature and humidity probe

FINISHING GLASSES

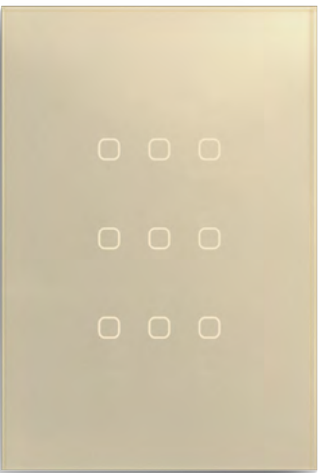
Glass with icons D-GLASS* - X - XX - XX - X - X
Only icons D-CARD - XX - XX - X - X

Colour
B (Black)
W (White)
S (Sand)
Dimensions
and shape
85= 85x85mm
125= 125x85mm
Control
functions
SL= Générique
SM= Motorisation
MX= Mixte
Number of
icons
Variant

Blanc (W)



Sable (S)



Noir (B)



*You can replace by yourself the icon card placed under the glass (D-GLASS) at any time by purchasing one of the D-CARD codes. Each D-CARD is compatible with all glass colours.

Square glasses 85 X 85



GENERIC

Product code	N installation	Z installation
D-GLASS-x-85-SL-1 D-CARD-85-SL-1		
D-GLASS-x-85-SL-2 D-CARD-85-SL-2		
D-GLASS-x-85-SL-4 D-CARD-85-SL-4		
D-GLASS-x-85-SL-6 D-CARD-85-SL-6		

MOTORS

Product code	N installation	Z installation
D-GLASS-x-85-SM-1A D-CARD-85-SM-1A		
D-GLASS-x-85-SM-2A D-CARD-85-SM-2A		
D-GLASS-x-85-SM-2B D-CARD-85-SM-2B		
D-GLASS-x-85-SM-3A D-CARD-85-SM-3A		

MIXED

Product code	N installation	Z installation
D-GLASS-x-85-MX-4-001 D-CARD-85-MX-4-001		
D-GLASS-x-85-MX-4-002 D-CARD-85-MX-4-002		
D-GLASS-x-85-MX-6-001 D-CARD-85-MX-6-001		

MIXED

Product code	N installation	Z installation
D-GLASS-x-85-MX-6-002 D-CARD-85-MX-6-002		
D-GLASS-x-85-MX-6-003 D-CARD-85-MX-6-003		
D-GLASS-x-85-MX-6-004 D-CARD-85-MX-6-004		

Rectangular glasses 125 x 85



GENERIC

Product code	N installation	Z installation
D-GLASS-x-125-SL-1 D-CARD-125-SL-1		
D-GLASS-x-125-SL-2 D-CARD-125-SL-2		
D-GLASS-x-125-SL-3 D-CARD-125-SL-3		
D-GLASS-x-125-SL-4 D-CARD-125-SL-4		
D-GLASS-x-125-SL-5 D-CARD-125-SL-5		
D-GLASS-x-125-SL-6 D-CARD-125-SL-6		
D-GLASS-x-125-SL-9D-CARD-x-125-SL-9		

MOTORS

Product code	N installation	Z installation
D-GLASS-x-125-SM-1A D-CARD-125-SM-1A		
D-GLASS-x-125-SM-1B D-CARD-125-SM-1B		
D-GLASS-x-125-SM-2A D-CARD-125-SM-2A		
D-GLASS-x-125-SM-2B D-CARD-125-SM-2B		
D-GLASS-x-125-SM-3A D-CARD-125-SM-3A		

MIXTE

Product code	N installation	Z installation
D-GLASS-x-125-MX-3-001 D-CARD-125-MX-3-001		
D-GLASS-x-125-MX-3-002 D-CARD-125-MX-3-002		
D-GLASS-x-125-MX-4-001 D-CARD-125-MX-4-001		
D-GLASS-x-125-MX-4-002 D-CARD-125-MX-4-002		
D-GLASS-x-125-MX-5-001 D-CARD-125-MX-5-001		
D-GLASS-x-125-MX-5-002 D-CARD-125-MX-5-002		
D-GLASS-x-125-MX-5-003 D-CARD-125-MX-5-003		
D-GLASS-x-125-MX-5-004 D-CARD-125-MX-5-004		
D-GLASS-x-125-MX-6-001 D-CARD-125-MX-6-001		
D-GLASS-x-125-MX-6-002 D-CARD-125-MX-6-002		
D-GLASS-x-125-MX-6-003 D-CARD-125-MX-6-003		
D-GLASS-x-125-MX-6-004 D-CARD-125-MX-6-004		
D-GLASS-x-125-MX-9-001 D-CARD-125-MX-9-001		
D-GLASS-x-125-MX-9-002 D-CARD-125-MX-9-002		
D-GLASS-x-125-MX-9-003 D-CARD-125-MX-9-003		
D-GLASS-x-125-MX-9-004 D-CARD-125-MX-9-004		
D-GLASS-x-125-MX-9-005 D-CARD-125-MX-9-005		
D-GLASS-x-125-MX-9-006 D-CARD-125-MX-9-006		

THERMOSTATS AND TOUCH CONTROLS WITH DISPLAY



3 freely programmable controls for operating lights, motors or other.

Thermostats are available with screen-printed icons and no ghost mode.



Perfectly integrated into our DO.Tatto range, the thermostats allow users to control temperature and humidity directly from an integrated mini-display. Connection with a remote probe or window contact is available for optimised energy management.



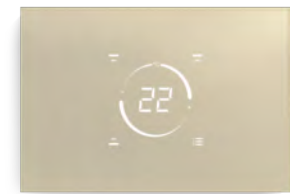
D-CT-125-W
(temperature probe)
D-CTH-125-W
(temperature and humidity probe)
D-C2T-125-W
(two temperature zones)

TATTO - GLASS series touch thermostat (4 touch controls and a rotary control), one temperature zone (integrated T° and H% probe), 2-digit rear display projected onto glass.
Functions: summer/winter, PWM, 0-10V and three speeds, aux terminal for external probe, communication on bus.
WHITE glass finish. Flush mount box 503.
External dimension 125x85 mm



D-CT-125-B
(temperature probe)
D-CTH-125-B
(temperature and humidity probe)
D-C2T-125-B
(two temperature zones)

TATTO - GLASS series touch thermostat (4 touch controls and a rotary control), one temperature zone (integrated T° and H% probe), 2-digit rear display projected onto glass.
Functions: summer/winter, PWM, 0-10V and three speeds, aux terminal for external probe, communication on Bus.
BLACK glass finish. Flush mount box 503.
External dimensions: 125x85 mm



D-CT-125-S
(temperature probe)
D-CTH-125-S
(temperature and humidity probe)
D-C2T-125-S
(two temperature zones)

TATTO - GLASS series touch thermostat (4 touch controls and a rotary control), one temperature zone (integrated T° and H% probe), 2-digit rear display projected onto glass.
Functions: summer/winter, PWM, 0-10V and three speeds, aux terminal for external probe, communication on Bus.
SAND glass finish. Flush mount box 503.
External dimensions: 125x85 mm



D-CT-85-W
(temperature probe)
D-CTH-85-W
(temperature and humidity probe)
D-C2T-85-W
(two temperature zones)

TATTO - GLASS series touch thermostat (4 touch controls and a rotary control), one temperature zone (integrated T° and H% probe), 2-digit rear display projected onto glass.
Functions: summer/winter, PWM, 0-10V and three speeds, aux terminal for external probe, communication on Bus.
WHITE glass finish. Flush mount box 502 or Ø60.
External dimension 85x85 mm



D-CT-85-B
(temperature probe)
D-CTH-85-B
(temperature and humidity probe)
D-C2T-85-B
(two temperature zones)

TATTO - GLASS series touch thermostat (4 touch controls and a rotary control), one temperature zone (integrated T° and H% probe), 2-digit rear display projected onto glass.
Functions: summer/winter, PWM, 0-10V and three speeds, aux terminal for external probe, communication on Bus.
BLACK glass finish. Flush mount box 502 or Ø60.
External dimension 85x85 mm



D-CT-85-S
(temperature probe)
D-CTH-85-S
(temperature and humidity probe)
D-C2T-85-S
(two temperature zones)

TATTO - GLASS series touch thermostat (4 touch controls and a rotary control), one temperature zone (integrated T° and H% probe), 2-digit rear display projected onto glass.
Functions: summer/winter, PWM, 0-10V and three speeds, aux terminal for external probe, communication on Bus.
SAND glass finish. Flush mount box 502 or Ø60.
External dimension 85x85 mm

DO.Touch

A touch screen with a unique and intuitive management interface

DO.Touch is the line of wall-mounted touch screens managing all Smart Home functions



DO.Touch's strengths

The fixed touch screens are designed to always be ready for use, with an elegant and discreet design, and conceived to be reliable and to last. They provide direct access to all home automation functions and are immediately available to all users.

The range goes from 4" to 10" with the possibility to choose the finish in white or black glass.

These touch screens can be used for all Dovit Smart Home functions such as, for example, the management of alarms, cameras, video door-phones, lighting, temperatures, roller shutters, etc. All this is always available with the help of one single device.

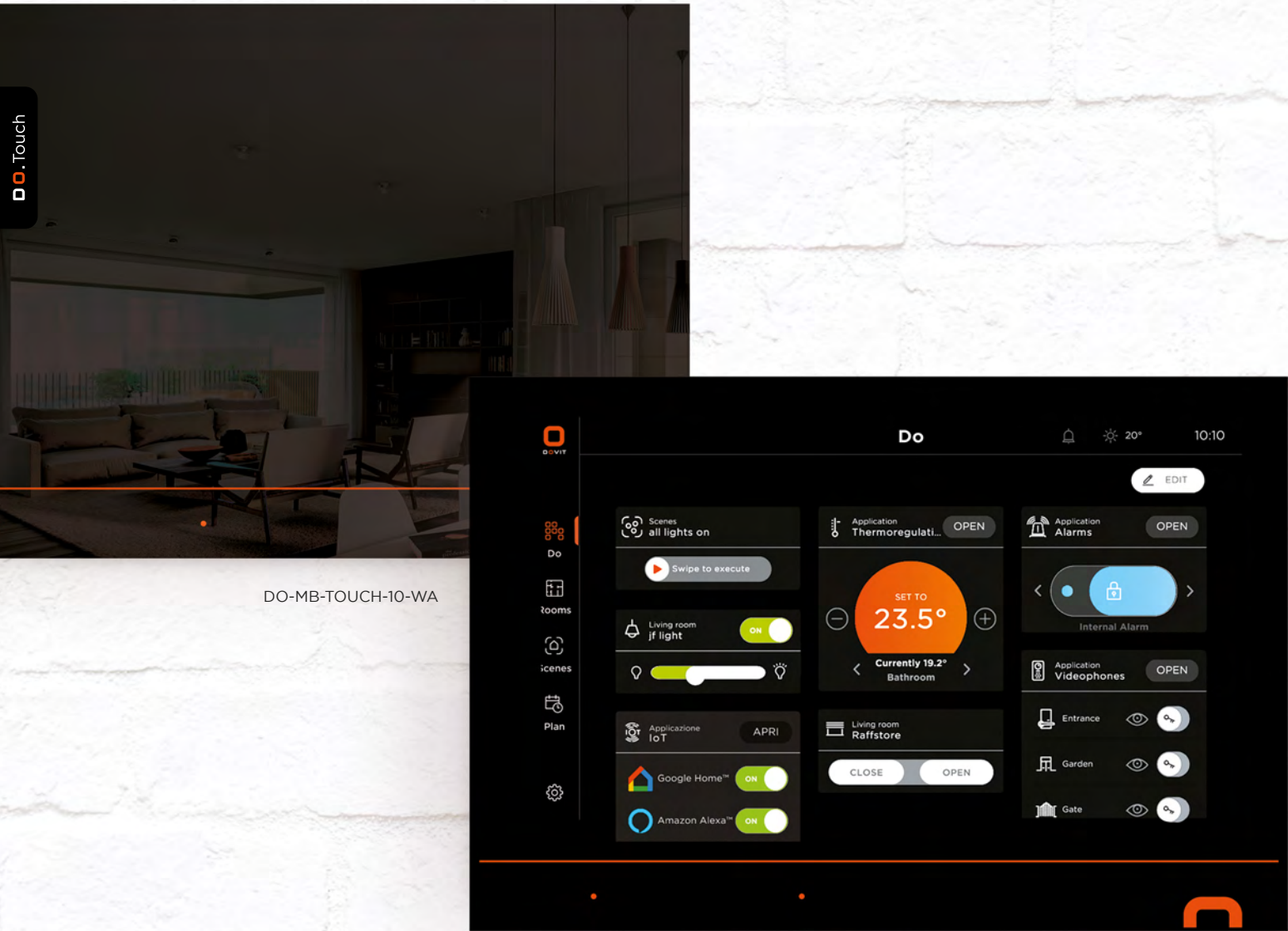


A complete range of wall-mounted touch screens to manage all functions in your home with simplicity and aesthetic harmony

BLACK MIRROR

Touch screen particularly suitable for contemporary residential environments.

Made from 3mm tempered glass, with black brushed aluminium body, a special treatment with mirror effect and completely edgeless



It is possible to control all the functions of the DOVIT system: lighting, shutters, temperatures, security, energy and multimedia entertainment.

The DO-MB-TOUCH-10WA version has an RGB interactive bar integrated into the glass to customize the aesthetics, for notification reports and to simplify the commands for daily use.

Built-in speakers and microphones for intercom communications and video door-phone.

TOUCH SCREEN 10”

Built-in touch screen, elegant design with high-quality finishes

3 mm tempered glass finish with anti-fingerprint treatment

Brushed aluminium body Integrated loudspeakers and microphones for a video door-phone system Interactive RGB bar and 3 configurable touch commands

Dimensions: 330x243x14 mm



DO-TOUCH-4-W

TOUCH SCREEN 4”

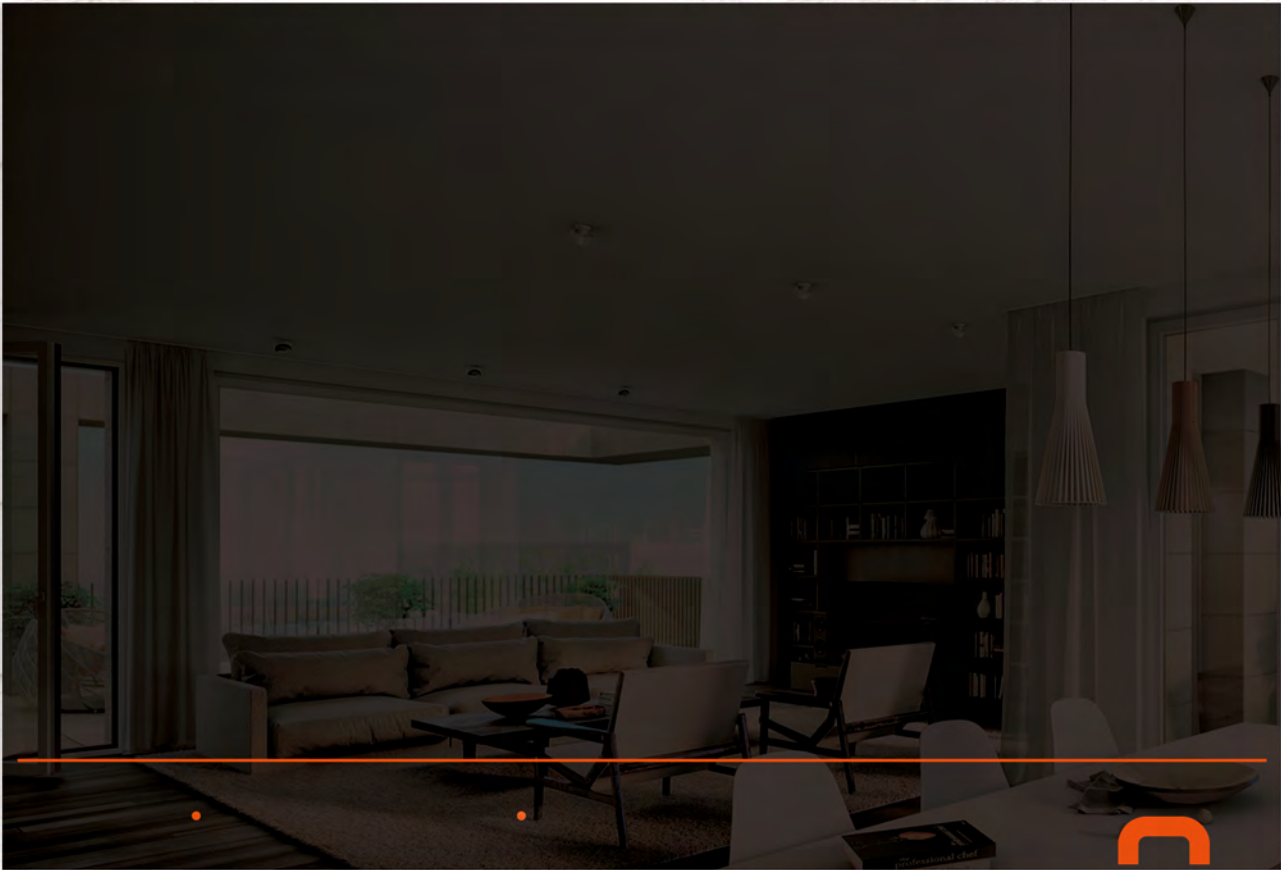
Built-in touch screen with black glass finish

Built-in speakers and microphones for video door-phone

DO.App graphical interface
Dimensions: 85x85x10 mm

BLACK MIRROR SERIES

Interactive bar integrated into the 3 mm glass



DO-MB-TOUCH-10-WA

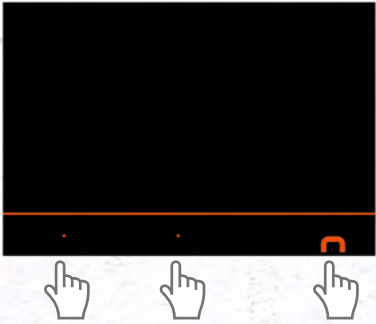
10" touch screen with DOVIT graphic interface for the management of all home automation functions available on the DO-BOX-UNIV Smart Servers.

Black tempered glass, thickness 3mm, with mirror effect, without borders or frames. Black brushed aluminium body.

Integrated SIP VoIP client with hands-free system for video door-phone functions.

Flush mounting box (BTI16204 multibox and drywall box or BL05CG panel).

Connection on DO.Net via IP (speed 1 Gbit/s). 12-24 Vdc power supply. Power supply not included. Outside wall dimensions: 330 x 243 x 14 mm

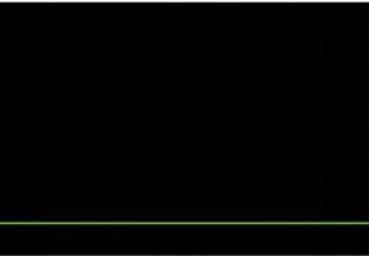


3 sensitive glass areas even when the screen is off

3 sensitive areas to associate scenarios and/or quick functions, always available even when the screen is off.

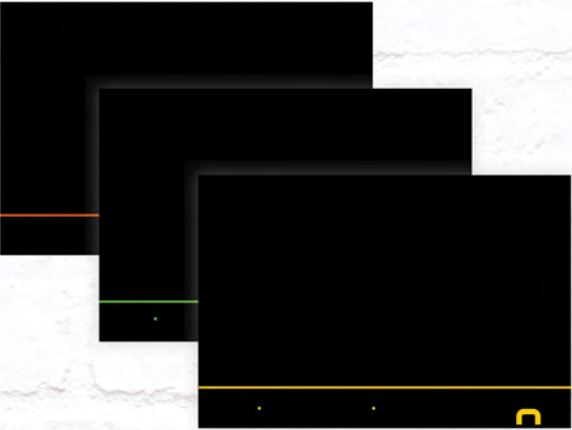
Customizable notifications with colours and animations

The bar can take on different colours depending on the notification received. In addition to the colours, it is possible to customize blink and fade effects.



Endless colour customizations

The line and the three sensitive touch controls can be switched off or left on at all times in different colours and brightness..



Independent bright areas for an interactive bar and to customize your style

All graphics can be activated to indicate the position of the controls programmed by the user or to give differentiated notifications and to customize your stand-by style.

Easy KNX integration with other brands and protocols

DO.KNX is our advanced home automation server based on the KNX protocol, designed to simplify smart home or building automation.



Fully KNX compatible, it offers centralised, user-friendly control over lighting, air conditioning, heating, security and much more. Our KNX Server guarantees an optimum user experience thanks to its intuitive interface and customisation features. Enjoy a more efficient, energy-saving and secure smart home thanks to DO.KNX. Discover how our KNX solution can transform your home into a smart, connected environment.

Product code	Description	
D-BOX-UNIV-KDM-200	Universal KNX server for management, supervision and integration. Manages up to 200 control points and up to 6 simultaneous client IP connections. Installation on DIN rail 4 modules.Dimensions : 4 modules DIN.	
D-KP-125-KNX	125x85 mm digital control plate for smart switch (1, 2, 3, 4, 5, 6 or 9 controls)	
D-KP-125-TH-KNX	125x85 mm digital control plate with temperature and humidity probe for smart switch (1, 2, 3, 4, 5, 6 or 9 controls)	
D-KP-85-KNX	85x85mm digital control plate for smart switch (1, 2, 4 or 6 controls)	
D-KP-85-TH-KNX	85x85 mm digital control plate with temperature and humidity probe (1, 2, 4 or 6 controls)	
D-CTH-125-W-KNX	125x85mm thermostat touch screen with temperature and humidity probe, white	
D-CTH-125-B-KNX	125x85mm thermostat touch screen with temperature and humidity probe, black	
D-CTH-125-S-KNX	125x85mm thermostat touch screen with temperature and humidity probe, sand	

Product code	Description	
D-CTH-85-W-KNX	85x85mm thermostat touch screen with temperature and humidity probe, white	
D-CTH-85-B-KNX	85x85mm thermostat touch screen with temperature and humidity probe, black	
D-CTH-85-S-KNX	85x85mm thermostat touch screen with temperature and humidity probe, sand	

Central control unit for a large number of devices to be connected

The Dovit KNX system provides simple control and automation of functions such as lighting, blinds, heating, ventilation and security. These functions can be connected and customized according to your customers' wishes and needs.



The DO.App revolutionises home automation system management with its intuitive, fully customisable interface. It allows users to interact with their home with ease, giving them the possibility of turning lights on or off, adjusting the thermostat, or creating made-to-measure scenarios from any location. The application stands out for its flexibility, allowing each user to configure it according to his or her preferences.

Each room can be individually named, representative icons can be assigned to each function, and the whole system can be arranged to meet individual requirements.

This modular approach ensures that the installation is easy to view and manage, making interaction with its environment both easier and more intuitive. Thanks to DO.App, the control of a Smart Home becomes not only more efficient but also more pleasant, ensuring an optimum level of comfort and energy savings.

The strengths of DO.Air

- Wireless accessories that integrate seamlessly with your Smart Home.
- DO.Air allows you to integrate existing wireless home automation devices, such as lights, roller shutters, smart radiator valves and security cameras, in a single system easy to manage.
- DO.Air integrates specially developed wireless solutions that allow you to automate an installation where it may be difficult to pass cables.
- ZIGBEE (1.0, 2.0 and 3.0) is one of the wireless standards supported by the platform, a well-tested low-power technology and currently used in millions of Smart Home devices.



Security



Roller shutters






Temperature









Light

WIRELESS GATEWAY

D-BOX-UNIV-AIR-200 	<p>Hybrid Integration Server: Wireless and/or Wired. Integrates up to 50 certified Zigbee wireless devices (thermostatic valves, bulbs, I/O modules, multimeters, repeaters, etc.) and natively supports DOVIT DO.Connect bus devices. Includes a data logger for recording and displaying data from all systems connected to the home automation system (energy consumption and production, temperature, opening percentage, and other analog values). Manages up to 200 control points.</p> <p>Dimensions: 4 DIN modules.</p>
D-IOT-W-ZB 	<p>ZigBee Wireless Gateway Expansion (3.0, 2.0, 1.0) for Smart Server DO-BOX-UNIV-x (DO.Control series). The expansion performs all the functions of a coordinator (up to a maximum of 50 ZigBee nodes between end-point and router) and allows wireless devices such as radiator thermostats, shutter modules, load control, energy meters, general I/O, smart bulbs (compatible with Philips, Ikea, etc.) and much more to be interfaced into the DOVIT system.</p> <p>USB connection on expansion port D-BOX-UNIV-x. The paired wireless devices can be managed by the DO.App application and take advantage of all the functions of the smart server such as schedules, scenarios, logics, triggers and events.</p> <p>Radio communication: 2.4GHz RF with 16 selectable channels and customizable antenna power gain. Power supply directly from the USB expansion port of the server (maximum consumption 200mA). Installation with DIN rail, includes antenna extension.</p>
D-IOT-CF-W-MBUS 	<p>ModBus-Wireless Gateway Expansion for DO-BOX-UNIV-x. Wireless multi-zone thermal control gateway for interfacing with wireless electronic radiator control (D-VTH-CF).</p> <p>Operation through DO.Touch and DO.App. Modbus 485 RTU Connection. From the DOVIT application (both locally and remotely via internet) via Smart Server DO.Control: daily, weekly, monthly and yearly programming. Hourly schedules (with 1 minute precision) that can be set up to 24 for each valve or group of valves. Maximum number of zones that can be set: 64.</p> <p>User programming of scenarios and groups for general or multiple commands.</p> <p>Active time programming also for user-created scenarios.</p> <p>NO contact (max 1 A) for consent and OpenTherm output for Evolved class of boiler regulation.</p> <p>Radio communication/connectivity: RF 868 MHz to wireless radiator valves, 485 to DO-BOX-UNIV-x.</p> <p>USB power supply type C, 5 V ---, 2 A.</p> <p>In combination with at least one DO-BOX-UNIV-x (Smart Server) Class V-VIII - Ecodesign Directive. Degree of protection: IP 30. Colour: white. Working environment temperature 0-40 °C.</p> <p>Storage temperature -5 +55 °C. Supports up to 64 valves.</p>

WIRELESS ACCESSORIES FOR COMMAND AND ACTUATOR EXTENSIONS

D-IOT-2C2RM-ZB	ZB Module 2 inputs 2 outputs relay 3A ZigBee radio: RF 2.4GHz with MESH repeater function. Motor control with position percentage control. LN power supply from 220VAC mains.	
D-IOT-2C2R-ZB	Module 2 inputs 2 outputs relay 3A ZigBee radio: RF 2.4GHz with MESH repeater function. Light control on/off. LN power supply from 220VAC mains.	
D-IOT-1C1R-ZB	Module 1 input 1 output relay 16A ZigBee radio: RF 2.4GHz with MESH repeater function. LN power supply from 220VAC mains.	
D-IOT-DRB-2-2-00	Support for DIN installation of modules D-IOT-2C2RM-ZB, D-IOT-2C2R-ZB and D-IOT-1C1R-ZB.	
D-IOT-PLUG-ZB	ZB on/off control 10A for load control with plug connection. ZigBee radio: RF 2.4GHz with repeater functions and MESH functions. Power supply from 220VAC electrical outlet.	
D-IOT-AIRQ-ZB	Air quality probe with measurement of volatile organic compounds (VOC) 0-99.9 ppm, CO2 0-1000ppm.	
D-IOT-16A-1R-DIN-ZB	Single-phase energy meter max 3KW with direct connection and 16A phase cut-off relay. Mounting on DIN rail (1 Module).	
D-CABLE-USB-2M	USB cable 2.5 m for extension to connect D-IOT-W-ZB to D-BOX server.	

INTELLIGENT CONTROLS AND THERMOSTATS FOR RADIATOR VALVES

D-VTH-DF	<p>Battery-operated wireless unit for electronic control of radiators with integrated PID thermostat. 2.4GHz wireless communication with gateway D-IOT-W-ZB or with repeater (D-ZB-RPT).</p> <p>PID regulation.</p> <p>display and integrated T probe. Accuracy of measurement +/-0.5 C.</p> <p>Autonomous control intelligence even in the absence of network or connectivity. Including adapters for RA valves, M30 x 1.5 (K), RAV, RAVL, RTD Danfoss, M28 (MMA, Herz, Comap), Orkli. Heating and Jacuzzi adapters available as optional (D-VTH-DF-ADAPT)</p>
D-VTH-DF-SENS	Optional room sensor with ZigBee radio communication: RF 2.4GHz. Can be used as room expansion of the electronic radiator valve control D-VTH-DF.
D-ZB-RPT	MESH-type radio signal repeater, with USB input for 2A charging. In connection with D-VTH-DFand D-IOT-W-ZB, it repeats the signal in a mesh configuration up to a maximum of 30 metres.
D-VTH-DF-ADAPT-x	Adapters for D-VTH-DF for Giacomini and Caleffi valves..
D-VTH-CF	<p>Wireless battery-powered unit for electronic control of radiators. Requires D-IOT-CF-W-MBUS antenna. Radiator control in proportional mode. Built-in temperature probe.</p> <p>Accuracy of measurement +/-0.5 C. Radio communication: RF 868 MHz.</p> <p>Quick-coupling installation with adapter.</p> <p>Battery powered, supports rechargeable batteries. Operating room temperature: 0-45°C.</p> <p>Adapter for Caleffi valve included. Adapters optionally available for Giacomini, FAR and RBM-H-T-Watts valves.</p>
D-VTH-CF-SENS	Optional room sensor with radio communication: RF 868 MHz with D-IOT-CF-W-MBUS gateway. Can be used as room expansion of the electronic radiator valve control D-VTH-CF, and has an integrated boiler contact.
D-VTH-CF-S	Optional room sensor with radio communication: RF 868 MHz with D-IOT-CF-W-MBUS gateway. Can be used as room expansion of the electronic radiator valve control D-VTH-CF.
D-VTH-CF-ADAPT-x	Adapters for D-VTH-CF for Giacomini, FAR and RBM-H-T-Watts valves..



The unified management app for Smart Home systems

Designed according to the real needs of the end users, DO.App is a customisable graphical interface to manage all the technology in a building, regardless of the brand or protocols used.

DO.App is the ideal choice for a complete control of technological installations. The connection is direct to the system's dedicated control and integration unit (DO.Control) via local network or Internet (Cloud system not required) via smartphone, tablet, PC and Smart TV.



Technical information:

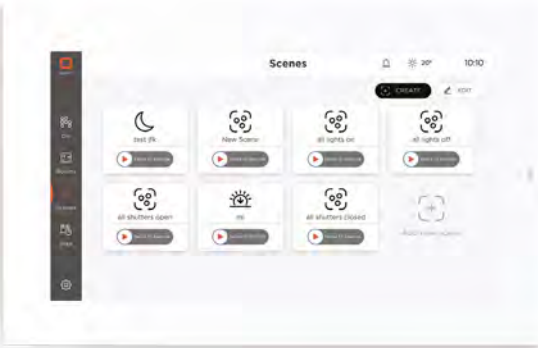
To access the DOVIT smart home system with DO.App it is necessary to have a D-BOX-UNIV Smart Integration Server and a connected local data network (Internet connection is not necessary for the use of DO.App in the local network: LAN or WiFi).



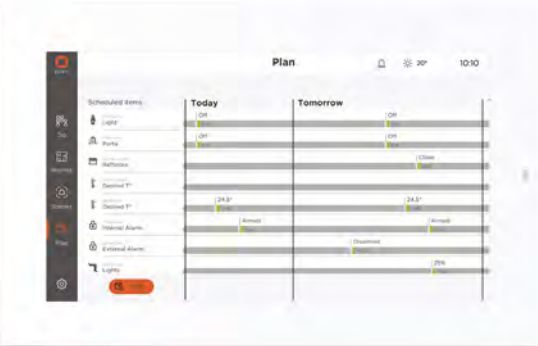
The strengths of DO.App



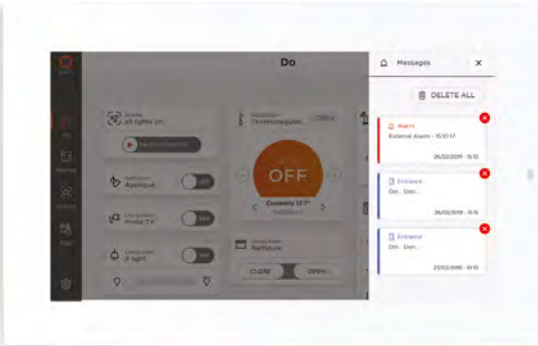
Bidirectional supervision of all installation functions: lighting, temperature control, motorisation, alarms, video surveillance, multimedia, video door-phones, photovoltaic system, energy and consumption meters, access control, fire-fighting system, etc.



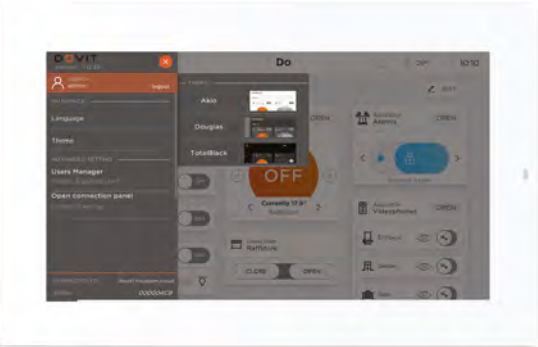
Creation and modification of scenarios (several subsequent actions with a single command).



Independent daily, weekly, monthly, calendar and sunrise-sunset schedule for every function available.



Permanent connection to receive status notifications and messages.



Customizable graphical interface (icons, room photos, themes, multilingual, etc.).



Remote control via Internet connection or local network.



Maximum security, confidentiality of information, immediate and two-way management (command and feedback): one touch is all it takes to connect to the system (cloud not required).



Simultaneous connection and multi-user management via TCP/IP network.



Compatibility with Smart TVs (DO-TV-APP), smartphones and tablets (iOS, Android), Windows, MacOS and Linux computers.

Desktop application

DO.App is available via app for all desktop systems: MacOS, Windows and Linux.

The DO.App graphical user interface via desktop application has full functionality, including bi-directionality and push notifications. It is the ideal interface to manage the system from a workstation. This solution is also suitable for the centralised management of a hotel lobby, from a concierge desk in a residential complex, and wherever it is necessary to unify and centralise, on one or more workstations, the management of all technological systems.



Analysis and optimisation of energy consumption

DO.Energy stands for a range of products dedicated to energy control, consumption analysis and the implementation of energy saving logic..



The strengths of DO.Energy

- This function offers the possibility of recording and displaying, in the form of a graph, all the points managed by the integrator and thus having a precise view of electricity, gas and water consumption.
- DO.Energy allows you to add the tool to calculate consumption and obtain an energy diagnosis, thus it is possible to make the building more efficient and meet the requirements of the Industry 4.0 programme and the incentives provided in the residential sector (65%-90%).
- Users can familiarise themselves with the operation of their system and acquire the knowledge they need to improve the energy performance of their home or any type of building.
- For the analysis, metering and allocation of electrical, thermal and solar energy, various multimeters, measuring devices and probes (DOVIT devices or other makes and models) compatible with DO.Control units can be connected to the platform.

Bidirectional multimeters and counters with memory

A bi-directional single-phase and three-phase meter continuously records and saves data.

- Control of overloads and optimisation of self-consumption on the basis of the actual energy balance by measuring the energy consumed and the energy fed into the grid.
- Monitoring of consumption and production history of the photovoltaic system through data logging.
- Product also available in MID (European standard for measuring instrument directive).



with RS485 ModBus interface

DE-63A-1F-MBS DE-63A-1F-MBS -M (MID version)	Bi-directional single-phase electricity meter with direct connection 63A. Provides instantaneous mains values (Amps, Volts, Watts, mains frequency, etc.) and has a progressive meter for analysing consumption over time. Non-volatile backup memory on board. The D-USB-MODB accessory is required for connection with DO-BOX-UNIV-10000.
DE-63A-3F-MBS DE-63A-3F-MBS -M (MID version)	Bi-directional single-phase electricity meter with direct connection 63A. Provides instantaneous mains values (Amps, Volts, Watts, mains frequency, etc.) and has a progressive meter for analysing consumption over time. Non-volatile backup memory on board. The D-USB-MODB accessory is required for connection with DO-BOX-UNIV-10000.
DE-5A-3F-485BDR DE-5A-3F-485BDR-M (MID version)	Bi-directional three-phase electricity meter (power supply with and without neutral), insertion via TA/5A (excluded): energy balance for statistics and diagnosis. Non-volatile backup memory on board. RS485 ModBus interface. The D-USB-MODB accessory is required for connection with DO-BOX-UNIV-10000.

with ModBus IP LAN interface

DE-63A-1F-LAN DE-63A-1F-LAN-M (MID version)	Bi-directional single-phase electricity meter with direct connection 63A: energy balance for statistics and diagnosis. Backup memory on board. LAN port for connection to DO.Net via ModBus IP.
DE-80A-3F-LAN DE-80A-3F-LAN-M (MID version)	Bi-directional three-phase electricity meter with direct connection 63A: energy balance for statistics and diagnosis. Backup memory on board. LAN port for connection to DO.Net via ModBus IP.

Multimeters and one-way counters

One-way counter (single-phase and three-phase).

- Load control and overload management without losing sight of overall consumption, through the supervision of real-time consumption.
- Product also available in MID version.



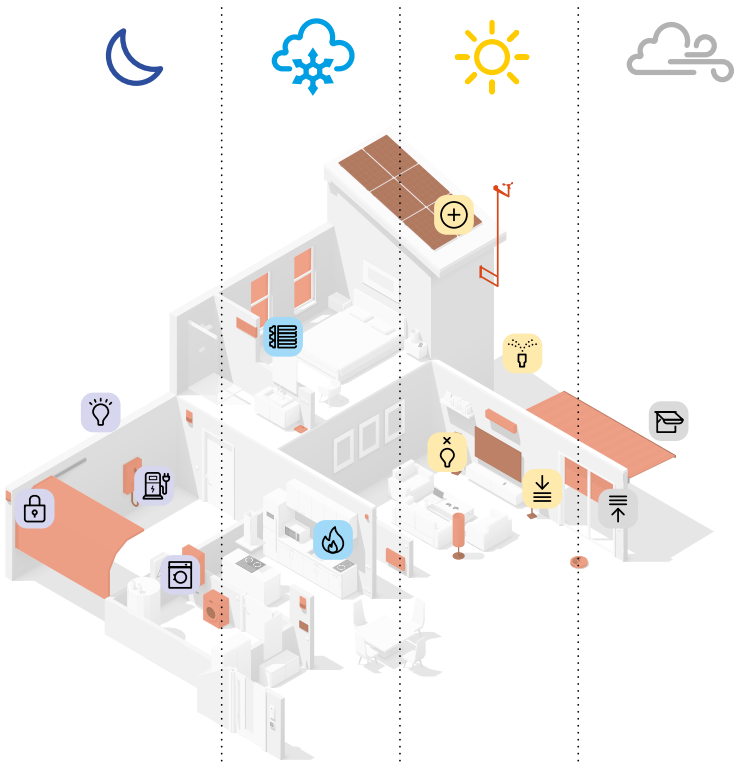
DE-45A-5A-1F-MBS DE-45A-5A-1F-MBS-M (MID version)	Bi-directional single-phase electricity meter with direct connection 45A. ModBus 485 multimeter, provides instantaneous network values (Amps, Volts, Watts, network frequency, etc.) and has a progressive counter for storing consumption over time. The D-USB-MODB accessory is required for connection with DO-BOX-UNIV-10000.
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Weather stations

Combined devices for the management of: rain, wind, brightness, outside temperature, sun position and irradiation on the 3 exposed facades (south, east, west).

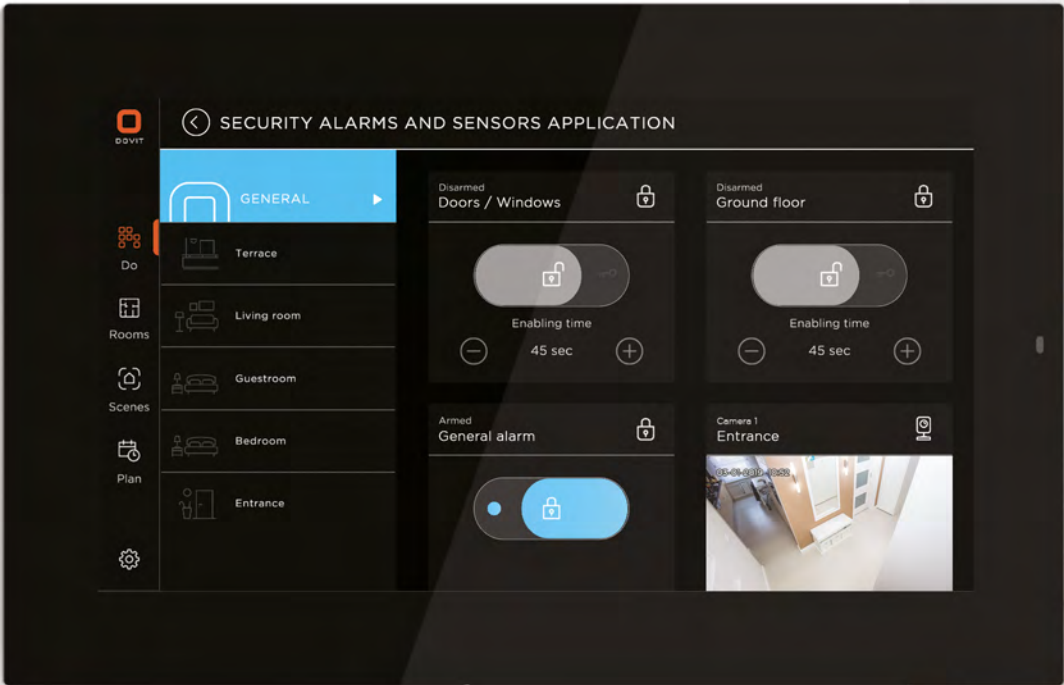
- Reduction of wastage related to the irrigation system.
- Control of filtering light, acting on screens or sunshades, depending on the power of the sun, its position and inclination.
- Execution of customized scenarios in case of strong wind (e.g. closing blinds or shutters) or at dusk dusk (e.g. for automatic lighting management).



DE-P033-METEO	METEO Weather station: measures temperature, wind speed, brightness and integrates a rain sensor. ModBus 2-wire bus. Power supply 12-24 Vdc, power supply unit not included. Installation: wall or pole, facing south. Dimensions: (W x H x D) 96 x 77 x 118 mm.
DE-P033-METEO-GPS	GPS Weather station: measures temperature, wind speed, brightness and integrates a rain sensor. Including a GPS receiver for calculating the exact position of the sun (azimuth and elevation) based on the coordinates of the place and time. ModBus 2-wire bus. Power supply 12-24 Vdc, power supply unit not included. Built-in GPS for automatic sun position recognition. Installation: wall or pole, facing south. Dimensions: (W x H x D) 96 x 77 x 118 mm.

Hybrid intrusion control units

The DO.Security range consists of two-way wired and wireless intrusion detection control panels and accessories (wired and wireless) that can be used to build a certified indoor, perimeter and outdoor intrusion detection system.



The strengths of DO.Security

Native integration of all alarm control panel functions on the home automation platform. For instance: sensors, partitions, alarms, diagnostic information, etc.

Certified systems

Integration of the following systems into the DOVIT home automation platform: RISCO with IP card (RP512IP0000A EN50131 Grade 3 Environmental Class II, EN50131-10 SPT Type Z, EN50136-1, EN50136-2 C). Line control units "Pro" standard EN50131 to Grade 3, standard EN50131 to Grade 2 and IMQ to level 3 Control units of the "Light" line and

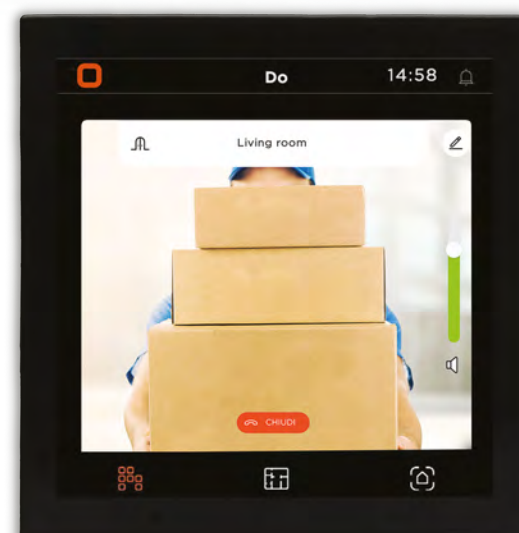
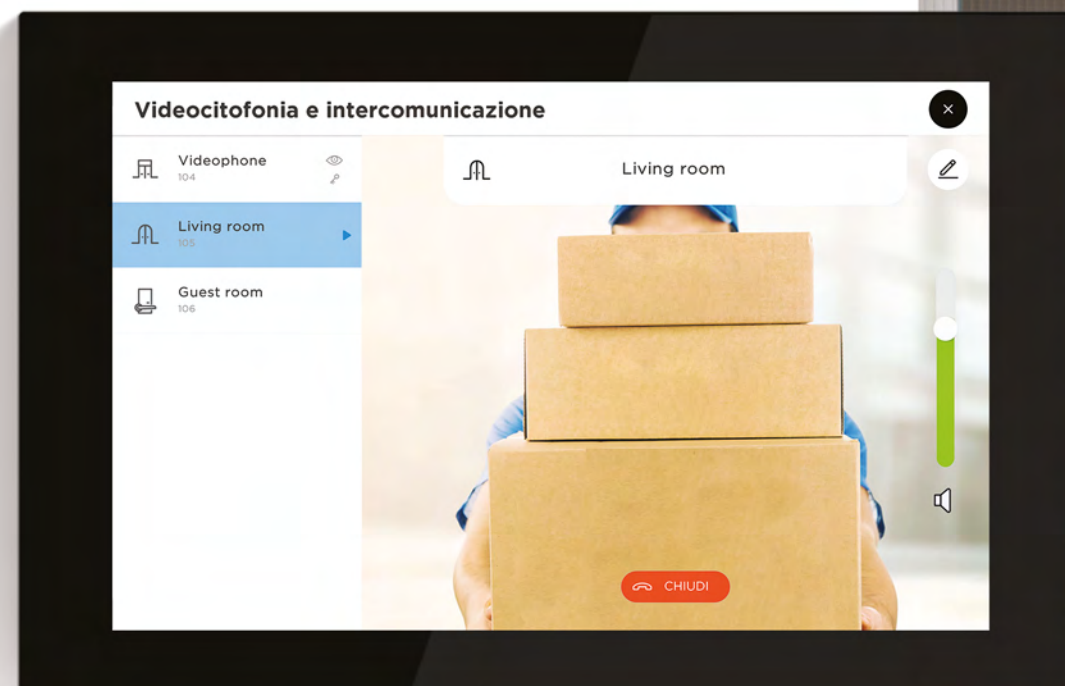


Agility > EN50131 to Grade 2, IMQ at level 2.
AVS Electronics with IP card "eWeb" IMQ-INCERT EN50131 Grade 2. The integration with intrusion detection systems does not require the activation of a Cloud.



Video door-phone over IP architecture according to the standard Voip-SIP protocol

The video door-phone and communication system of the DOVIT platform is based on an IP architecture according to the standard Voip-SIP protocol.



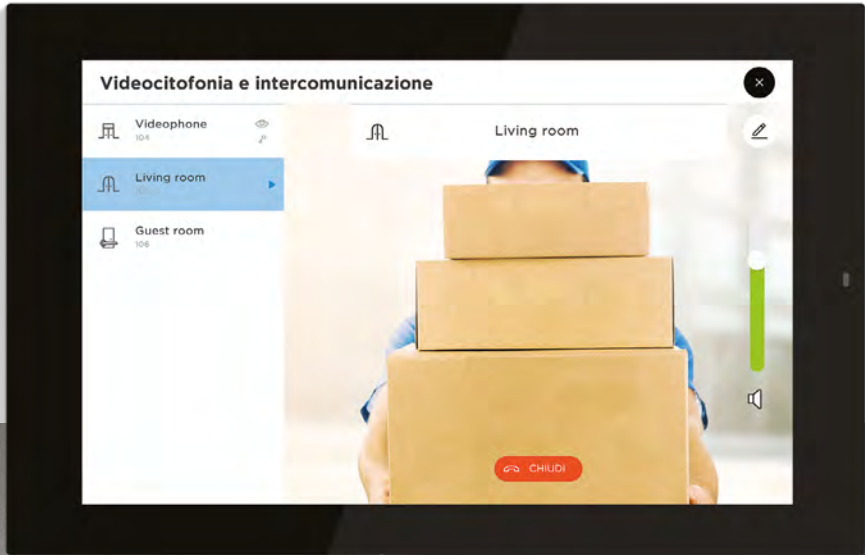
The strengths of DO.Comm

- 

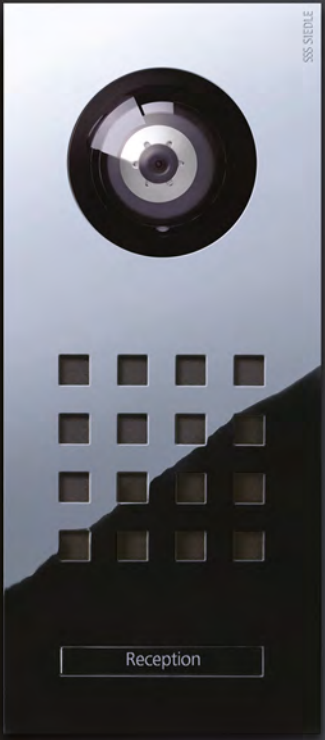
Compatibility with all advanced functions of a video door-phone provided by the DO.Control home automation integrator, in particular intercom and call transfer to another indoor station, e.g. a mobile phone or a third-party telephone switchboard.
- 

The external station may, in case of absence, send a notification.
- 

The standard SIP protocol offers the possibility of answering via various devices (DO.Touch touch screens, tablets, smartphones, etc.).



VoIP SIP



Verso model full IP outdoor station

The fully modular IP Video door-phone can be composed and assembled as required. In addition to the functions of a normal intercom, it enables reliable access control in the building and communicates with other products to ensure optimal security.

Also available in a black version, it can include various modules: RFID reader, Bluetooth reader, touch screen with scrolling contact list, biometric reader, etc.



DO-2N-91550945
Bluetooth & RFID Reader, 125 KHz, 13.56 MHz, NFC



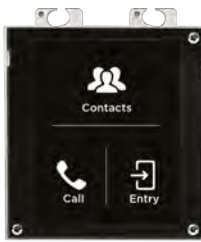
DO-2N-91550945
Keyboard with Bluetooth Reader and RFID 125 KHz, 13.56 Mhz, NFC



DO-2N-9155045
Fingerprint reader



DO-2N-9155041
Induction loop



DO-2N-9155036
Touch screen infopanel



DO-2N-9155035
5-key module



DO-2N-9155015
VERSO flush mount box, 2 modules



DO-2N-9155012
Frame for flush installation, 2 modules
Dimensions (W x H): 106.5 x 234.1 mm



DO-2N-9155016
VERSO flush mount box, 3 modules



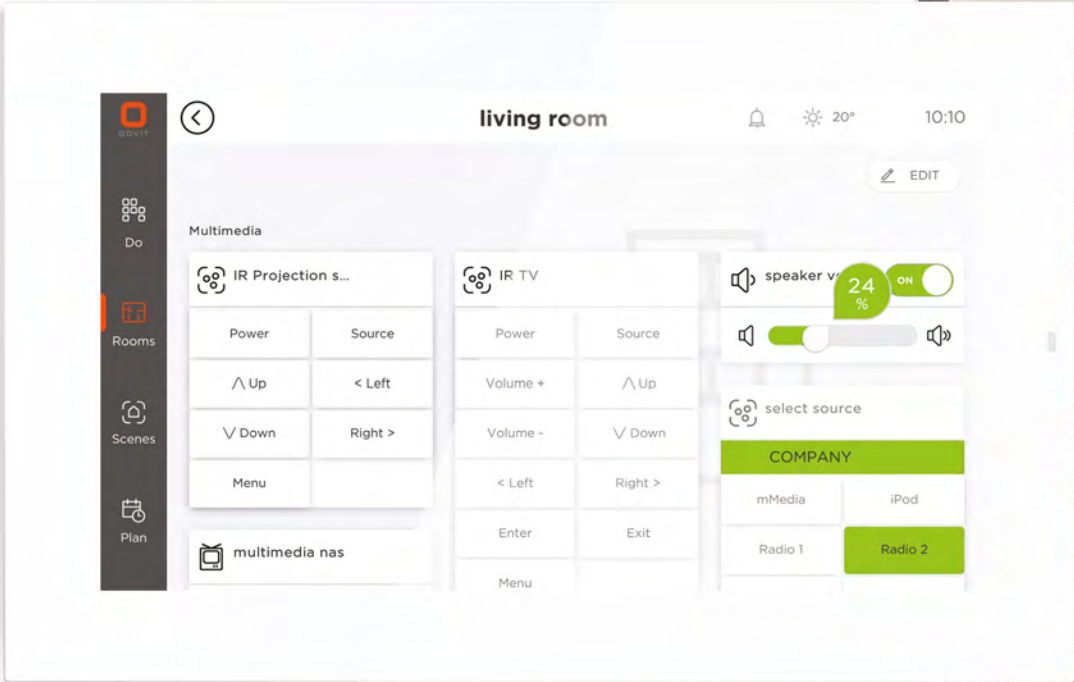
DO-2N-9155013
Frame for flush installation, 3 modules
Dimensions (W x H): 130 x 361.7 mm



DO-2N-VERSO-2M-KIT
Composed of:
9155101C, 9155012, 9155015

Multimedia equipment management

DO.Media is a range of products and functions designed for the storage, reproduction and distribution of multimedia content.



The strengths of DO.Media

- Multi-source centralisation and distribution to independent multizones.
- Standard inputs for all types of sources.
- Amplified and pre-amplified outputs, compatible with all types of standard loudspeakers and final amplifiers.
- 4K HD video directly over CAT6 UTP cable.
- Integration of smart sources such as Spotify or multimedia catalogues.



Multi-zone and multi-source audio amplifiers

For the simultaneous distribution of multiple audio sources in one or more independent zones.

- Signals from a multimedia source (Bluetooth, jack in, Spotify player, etc.) can be distributed in different pre-amplified spaces for delivery to the dedicated amplifier, or already amplified for direct connection to a loudspeaker (4 and 8 ohm).
- The source and volume of each zone can be controlled and managed through the DOVIT interface (DO.Touch/DO.App), or through mini built-in control keyboards.



DM-TU-MTAM816S	Audio matrix 8 inputs 6 zones (double output for each zone: 1 preamplified and 1 amplified 10 W RMS).
DM-TU-MTAE816S	Expansion DM-TU-MTXA816S, 6 zones (dual output for each zone: 1 preamplified and 1 amplified 10 W RMS).).

Multi-zone and multi-source audio-video systems

For the simultaneous playback of several high-definition multimedia sources (audio and video) in one or more areas of the building.

- No compression or loss of quality (in Full HD, 3D, 4K), via CAT6 or HDMI cables.
- Compatibility with HDCP protection standards.
- Distribution towards standard HDBaseT protocol.
- Automatic management of IR controls of each source for each zone.



DM-AT-PRO3HD44M	Full HD and 3D 4x4 audio/video matrix..
DM-AT-PRO2HD88M	Full HD and 3D 8x8 Audio/Video Matrix.
DM-AT-PRO3HDREC	Signal receiver CAT5/6/7. Extends HDMI and DVI signals
DM-AT-PRO2HD1616M-RX	Signal receiver CAT5/6/7. Extends HDMI signals up to 100 meters in 1080p or 1920 x 1200 with a separate decoded audio channel for the external dolby entrance.
DM-MX-0404-HDBT-H2-KIT	4x4 Audio/Video Matrix, 4K HDCP, PoH (Power-over-HDBaseT), HDMI via HDBaseT. The kit includes 4 integrated bidirectional IR infrared HDBaseT receivers and 10Mbit\s network over CAT5/6/7 cable.
DM-MX-0606-HDBT-H2	6x6 Audio/Video Matrix, 4K HDCP, PoH (Power-over-HDBaseT), HDMI on HDBaseT.
DM-RX-70-4K	HDBaseT receiver on CAT5/6/7 cables up to 100 m, 1080 p, Ethernet 70 m, 4K, 10/100 Mbit\s and bidirectional TX/RX IR, PoH (Power-over-HDBaseT).



Sources, control units and multimedia storage

Range of products dedicated to the global management and control of different types of sources and content.

- ✓ DO.Media sources can receive and stream content from network-connected smartphones and tablets, thanks to support for DLNA, AirPlay or Spotify-type applications.
- ✓ Any source, whether from a DOVIT system or not, can be controlled by DO.Control thanks to IR, UDP, TCP and RS-232.



DO-TU-BTWJK-BT	Bluetooth receiver kit connectable to matrix input. Bluetooth audio Dual Mode, classic and low energy with home and hotel operating modes. A2DP profile support for Hi-Fi music and customizable name. Complete with 3.5mm Aux jack input. 24 Vdc power supply.
DO-TU-MZ71BT	Compact built-in Hi-Fi module, with Bluetooth and FM tuner, OLED graphic display with proximity, Hi-Fi stereo audio output for active speakers and output for active subwoofer connection. The small size allows the installation also on 2-module boxes. Power supply: 24V dc Dimensions: 35x35x50 mm
DO-SRC-APLAY	Network audio device with internet radio receiver, integrated Spotify Player controllable by DO.App (Spotify Premium account and Spotify D-IOT-SPOTIFY licence required). AUX input, RJ45 LAN socket, USB. iOS/Android compatible. Complete with power supply unit.
DO-TV-APP	Android Mini Box with DO.App interface and HiVision preinstalled. 1 HDMI output, 1 radio remote control with gyroscope pointer (air), audio output, 2 usb inputs for expansions. Supports all functions of an integrated home automation system with DO.Control Control units. Connection via IP Gigabit RJ45 with DO.Control devices; external power supply provided (230VAC plug-in). Supports JPG, MJPG and RTSP video streams. 230VAC power supply with external power supply unit.
DM-TU-MZ830-x	Digitally controlled remote control for Mondo T and EVAC control panels. Allows selection of audio-video sources and adjustment of room audio parameters. Functions: zone on/off, source selection, switching functions to control each individual source. Volume adjustment, high tones, low tones, balance, sleep timer for auto-off after a programmed time, possibility of customising audio source names (also for EVAC). Equipped with a graphic OLED display, automatically variable intensity backlighting with low-power mode. The system allows several commands to be inserted in the same room. Power supply: 24Vdc Dimensions: 35x35x50mm, accessories and installation materials. (colour B=white, N=Black (anthracite grey), MC=Metal chrome (silver).
D-IR-TRANS	Universal IR transmitter connected to the DO.Net Ethernet network for the control of devices equipped with IIR receiver, IR output port with high power output for 120° coverage.
DC-MEDIA-232	RS232 cable for D-BOX-UNIV-10000 connection with audio and video matrix.
D-MEDIA-USB	USB-RS232 cable for D-BOX-UNIV connection with DM-TU-MXTA816S audio matrix.



Smart Home systems - always on the cutting edge

DO.Link is at the heart of the evolution for the integration of connected objects (IoT) and third-party smart services into the DOVIT home automation platform.

To ensure that buildings equipped with a DOVIT system are always at the cutting edge of evolution, our R&D department is constantly working on the integration of the most popular smart systems on the market, through the integration of new protocols, connected services and IoT (Internet of Things).

Some features available in the DOVIT platform:

- Voice access to all home automation functions and integration of all connected objects thanks to DOVIT's compatibility with smart speakers (e.g. Google Home Assistant)
- Multimedia: control with cloud libraries such as Spotify Connect
- Integration with instant messaging systems, such as "Telegram"



D-IOT-GHOME	License d'activation	Google Home voice control system integration driver. It requires the D-BOX-UNIV control and integration unit.	
D-IOT-ALEXA	License d'activation	Alexa voice control system integration driver. It requires the D-BOX-UNIV control and integration unit.	
D-IOT-IFTTT	License d'activation	Driver that allows the IFTTT platform to run any kind of DOVIT scenario through the IFTTT "webhooks" service. It requires the D-BOX-UNIV control and integration unit.	
D-INT-MSNG	License d'activation	Driver for receiving instant messages in the cloud with "Telegram BOT". It requires the D-BOX-UNIV control and integration unit.	
D-SPFY-P	License d'activation	Integration driver for Premium Spotify account control. It requires the D-BOX-UNIV control and integration unit.	

For increasingly practical and
connected smart systems!

The laboratory of new ideas and technological

DO.Lab imagines the future through increasingly modern and high-performance technologies, services and products.

Smart home and smart building technologies are evolving rapidly and our R&D team is constantly working on the development of new integrations, products and solutions to best meet the wishes and needs of users.

Our DNA, in fact, is to offer efficient and flexible solutions to integrate all present and future innovations, and thus, also to integrate all the solutions that the smart technology market will propose.

Thanks to the expertise of DOVIT's R&D team, it is also possible to develop tailor-made, specific integrations based on the needs of each project.

Tell us about your ideas... and we'll make them happen!

Some examples of tailor-made services that can be integrated into the DOVIT platform.

- Management through DO.App or directly through the DO.Touch products of web services (e.g. hub to book a fast food delivery, a taxi or a maintenance intervention) and Smart City (e.g. car services, bike sharing and public utility services).
- Integration of alarm systems, audio-video and third-party HVAC not yet supported by the DOVIT platform.



A network of certified DOVIT partners

DOVIT regularly organises specific training courses for planners, installers and dealers in order to train staff for better management of high-tech buildings.



The strengths of the DOVIT Team

Specific training courses for the entire DOVIT Team (installers, system designers, technical and commercial staff for the distribution and pre- and post-sales assistance).

A specific training service for each contractor or developer's team in the real estate sector.

The opportunity to share experiences and best practices, from the analysis and design phase to the coordination, installation, configuration and construction management phases.

DOVIT Team certification guarantees specific skills in the home automation and Smart Home sector and compliance with the highest quality standards for the products and services offered.

DOVIT

Give your home a brain.

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