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Given the constant development in home automation and with Duotecno in particular, a catalogue is always temporary by nature. We hope to give you with this catalogue an idea of the possibilities our system has to offer and of the different products in our range. Our R&D is continuously working on new developments in hardware as well as in software, therefore in addition to our catalogue, it's definitely important to consult our website which is always kept up-to-date: www.Duotecno.be. You can also subscribe to our newsletter, keeping you personally informed at all times.

Being manufacturers, we have participated in a lot of fairs and also have monthly product presentations and trainings. If you would like an invitation, be sure to contact us at: info@Duotecno.be. After a two-day training you will be able to connect and program your own Duotecno system. Our challenge lies in making the installation for the installer as easy as possible to finish as quickly as possible. Our configuration software is known for its simple and user-friendly user interface. Our unique "auto connection" enables us to carry out the configuration in a very QUICK and FAULTLESS way. Notwithstanding the many possibilities, our programming remains quite simple.

As installer, architect or building company, if you would like to give your clients a clear image of what home automation can offer them in their daily lives, you'd better visit our showroom together. In an austere loft in Bruges, where our offices are located, or in a showroom in Holland, we can give you a beautiful demonstration of all the functionalities our system contains. Here we can make it perfectly clear what home automation is all about: to gear all technical aspects of a home or building to one another and to operate them in a convenient and visual way. In short: making daily life simpler, more pleasant and more comfortable. This comfort also goes hand in hand with a noticeable energy saving and a longer lifespan of all technical appliances.

Why Duotecno you ask? There are 3 pillars with which we distinguish ourselves from our competitors. Your client will probably be overwhelmed by now with all the new products of late claiming to be "home automation".

Pillar 1: Stability and speed. The thing making Duotecno unique, however, is the use of a high-speed and extremely stable CAN-bus protocol via an universal data cable-wiring, making all executed actions happen in real time. No sand-glasses on the screen, no limits in audio and video streaming making it 200% ready for the future and all the latest developments. This is home automation by Duotecno!

Pillar 2: Design, look and feel. "Appearances also count". As far as look and feel are concerned, the products are perfectly in tune. The client can create one design throughout the living room or alternate in high-quality materials such as Corian, Glacobel glass or anodized aluminum.

Pillar 3: Service and flexibility. As the installer is in direct contact with Duotecno, we work more closely together which allows him to be faster informed of the latest developments. The installer also gets direct phone numbers, guaranteeing a swift service and flexibility, also outside office hours.

Duotecno enables you to couple a lot of automation functions and especially the coupler to audio and video is one of our great assets. A bidirectional coupler to more than 10 different audio brands and opportunities to personalization: an application with a tailor-made map. For over 10 years we can safely say that our products remain compatible although they are a few years old. Experience and interest enables our team to come up with new and better products time and time again. In addition, Duotecno has built a very fine reputation over the years.

The products in this catalogue are the result of a great collaboration and communication with our installers and our foreign distributors. As a dynamic company we keep evolving and we thank you for joining us in this journey. Together we can remain trendsetters in the world of home automation and we can keep offering our customers the best products.

The Duotecno Team



The standard measurements makes it very easy to mount the modules on the DIN rail. They are the heart of your installation. Automatic addressing gives them the necessary flexibility to carry out modifications and extensions in the near future. All standardized techniques in the home can be controlled with these modules.

It's essential that every module has its own CPU. This means that our system doesn't depend on a central station or computer. Given that every module has its own intelligence, one starts with a basis and can make unlimited extensions later on.

DIN-RAIL MODULES



DT00-24

24 VAC Power Supply

Power supply for the system working on a 24-volt AC-current.



DT07-16

Input module: 16 chan. NO/NC + 2 chan. temp.

16 entries for push buttons and/or motion sensors and 2 temperature sensors.



DT03-06

6 chan. 10 A NO relay module

Switching on and off 6 connections and/or light circuits.



DT03-04

4 chan. 10 A NO relay module with feedback

Switching on and off of 4 connections and/or light circuits, status message on the push button.



DT05-06

6 chan. 500W dimming module

Dimming and switching 6 light circuits up to 500W per channel, via phase cut-on.



DT05-04

4 chan. 500W dimming module with feedback

Dimming and switching of 4 light circuits up to 500W per channel, via phase cut-on and with status message on the push button



DT05-03

3 chan. 1000W dimming module

Dimming and switching 3 light circuits up to 1000W per channel, via phase cut-on.



DT05-06TE

6 kan. 500W dimmodule

Dimming and switching 6 light circuits up to 500W per channel, via phase cut-off



DT04-03

3 chan. 10 A UP/DOWN module

Controlling 3 motors for roller blinds, curtains, screens, ...
These motors operate on AC-current.
3 wires (neutral conductor, up and down)



DT04-P3

3 chan. 10 A UP/DOWN module with polarity

Controlling motors for roller blinds, curtains, screens..
These motors operate on direct current.
2 wires.



DTTL-00

Twilight module

Intelligent twilight switch that displays the transition from daylight to complete darkness in 7 steps. This module is perfect in combination with sun blinds, intelligent light control, but most of all in combination with the small motion detector from Duotecno. In the electric cabinet you find the intelligent DIN rail module with 8 additional entrees (for push buttons or detectors). This module is connected with the small sensor module outside through an 8-core cable. This module measures the luminosity. This module contains not only a twilight switch but a temperature sensor as well that measures the outside temperature. This temperature is indicated on the touch screen, tablet and smartphone. This sensor is linked to the Twilight module and has to be attached to the outside of the home.



DIN-RAIL MODULES



DTTL-00

Twilight module

Intelligent twilight switch that displays the transition from daylight to complete darkness in 7 steps. This module is perfect in combination with sun blinds, intelligent light control.



DT02-06

6 chan. 0 / 10V - 1 / 10V dimming module

Dimming 6 striplights, leds,... on 0-10V or 1-10V (to choose from via jumper).



DT02-04

4 kan. 0 / 10V - 1 / 10V dimming module with feedback

Dimming 4 striplights, leds,... on 0-10V or 1-10V (to choose from via jumper) with status message on push button.



DT02-03

3 kan. 0 / 10V - 1 / 10V dimmodule + relais

Dimming 3 striplights, leds,... on 0-10V or 1-10V (to choose from via jumper) with status message on push button. A relay exit to switch off completely.



DT06-06

6 chan. led PWM dimmer with feedback

Dimming 6 leds via Power Width Modulation technique. Can control 240W 10A @ 24VDC per exit, so ideally for led strips. 120W 10A @ 12VDC



DT06-04

4 chan. led PWM dimmer with feedback

Dimming 4 leds via Power Width Modulation technique. Can control 240W 10A @ 24VDC per exit, so ideally for led strips. 120W 10A @ 12VDC Feedback per channel.



DT13-DAL / DT13-DMX

Dali interface / DMX interface

Interface for controlling Dali or DMX lighting



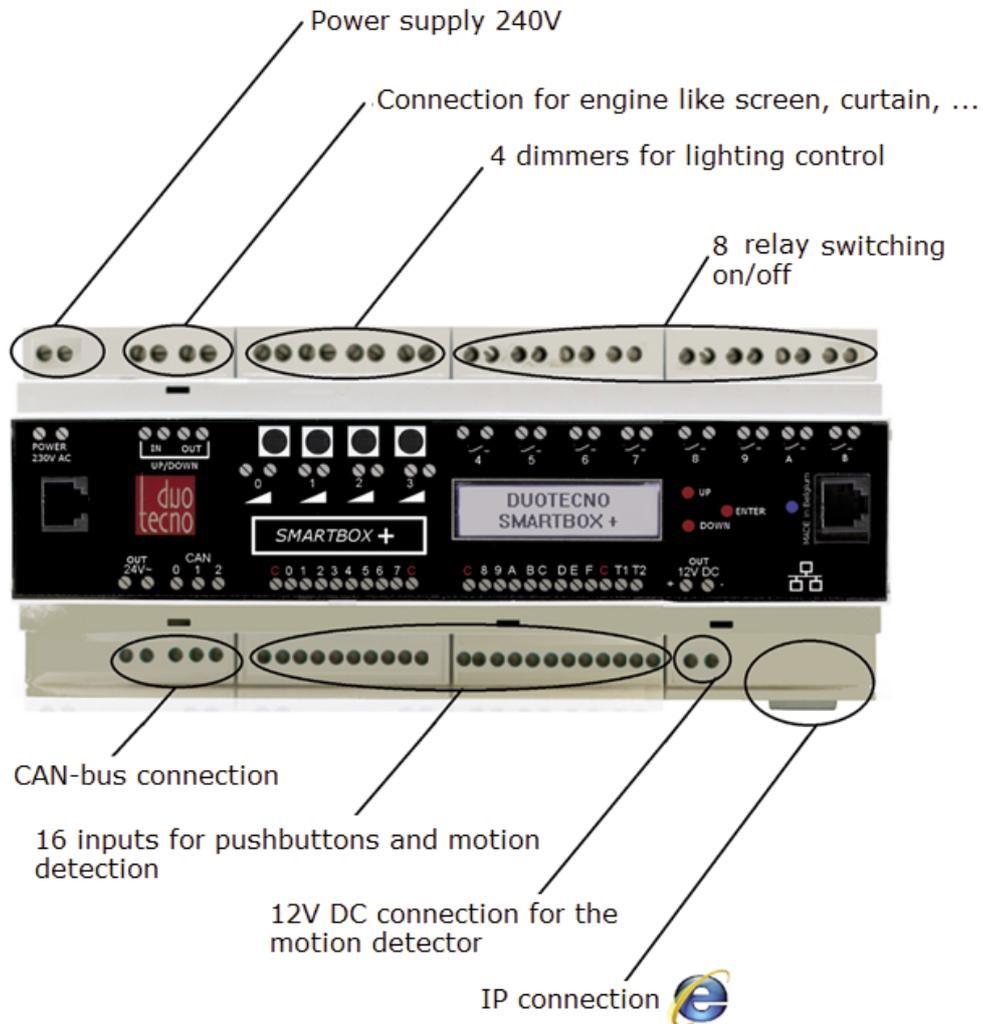
DT0E-00

Busconverter RJ11 ↔ FTP

DIn rail module with fTP connection below and RJ-connection for the bus



SMARTBOX+



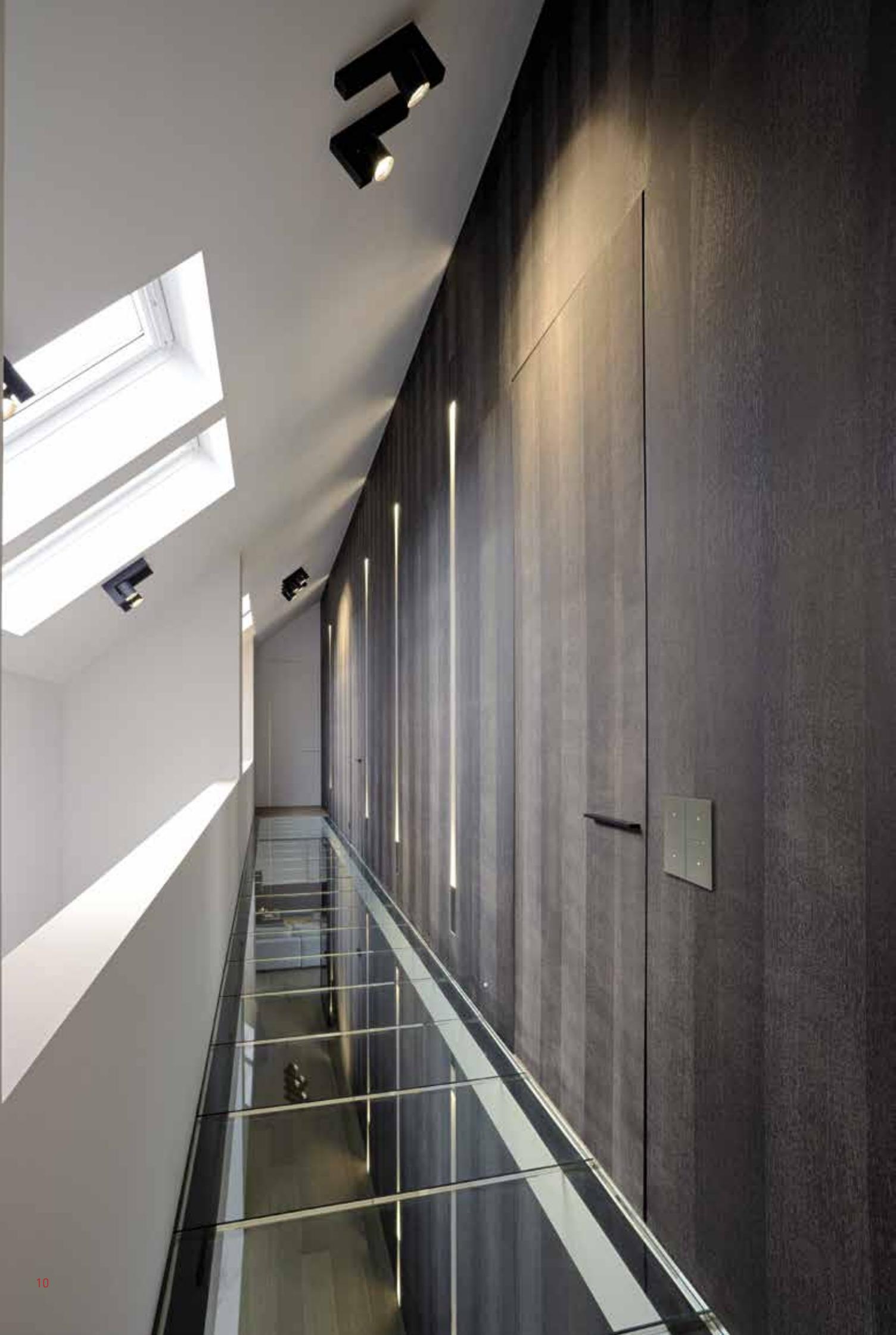
DT0B-01

Smartbox+

Easy to install all-in-one module with 16 inputs, 13 outputs, TCP/IP and CAN-bus connection.

The budget-friendly starters package from Duotecno with unlimited extension.

Easy to install module with standard 16 inputs, 4 dimmers, 8 relay, 1 up/down and two temperature inputs. The module is equipped with a 12V DC output for supplying power to motion detectors. The integrated TCP/IP network interface enables connection with 5 devices (f.e. tablet, smartphone, ...). This module is very convenient to use as basic home automation but also for hotel room, apartment and service flat applications. It's possible to install two smartbox+ in cascade. It's possible to expand the installation with other duotecno products by adding a power supply.



TOUCH BUTTON // METAL



These design touch buttons, available in the same finishes as the touch screens, give an elegant and uniform look to your home. It's a very nice alternative for the spaces where you don't want a touch screen but still want a control that matches your interior. The white leds, which also serve as discrete orientation lighting, shall illuminate completely with a touch of the buttons. This Duotecno products will certainly give an extra "touch" to your home. These touch buttons can also be used when operating relays switches or teleruptors as they are four NO contacts, you can therefore use it as a regular switch in a home without home automation.

There are also switches in the same design which can be placed directly on the bus. In case you wish to order these, you'll have to use the following order code: DTBS - the color code.

The switches can be equipped with a temperature sensor enabling them to record the temperature in the room. Then you can read this temperature from one of the touch screens or the smartphone and tablet application.



TOUCH BUTTON // GLASS

DT0S-4Gg
gold glass

DT0S-4Gs
silver glass

DT0S-4Gw
white glass

DT0S-4Gb
black glass



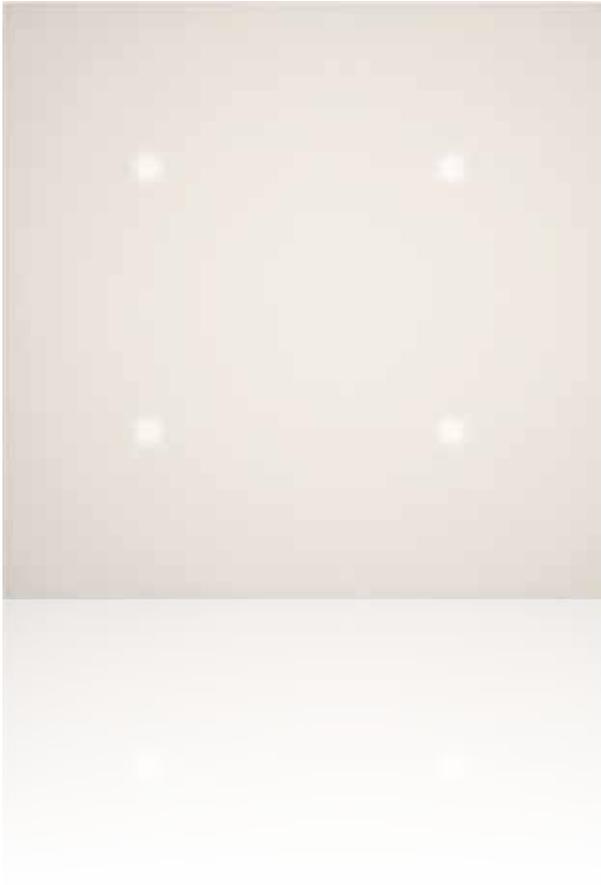
Fourfold touch buttons in glass

4 buttons, 8 functions with led indication in glass design cover.

Easy to install in a standard built-in box.



TOUCH BUTTON // CORIAN



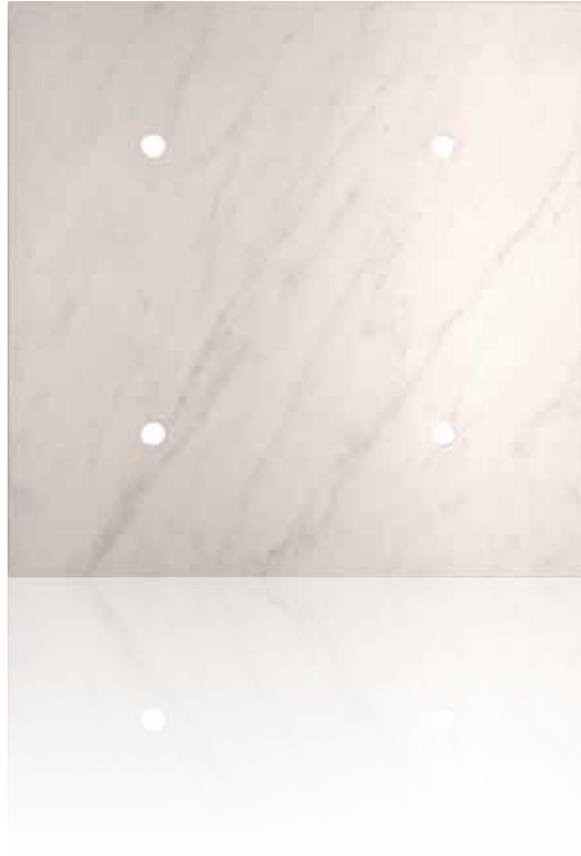
DT0S-4 Cw

Corian

The Corian touch buttons form a straight line throughout the interior of your home. They can fit perfectly into a modern architecture.



TOUCH BUTTON // STONE



Fourfold touch buttons in stone

The Stone touch buttons add a clean-cut design element to your home. They can be perfectly integrated in a contemporary building style.

Available in the following versions:



DT0S-4SBB
Belgian Blue



DT0S-4SFW
French White



DT0S-4SCB
Carrara Bianco Marble



DT0S-4SCG
Ceppo Di Gres Limestone



DT0S-4SC
Calacatta Marble



DT0S-4SEG
Emperador Grey Marble



DT0S-4SEM
Emperador Marron Marble



DT0S-4SOS
Oak Grey Marble



TOUCH BUTTON // BUILT-IN SYSTEMS



Duotecno uses the universal built-in wallbox with screws for the touchbuttons. The beauty of it is that the same built-in box can be used for all finishes. The fourfold, the eightfold and even the OLED touch button can be installed in the same built-in box. This creates the advantage of still being able to determine the finishing and type of touch button according to the finishing of the wall and comfort that you need in the room.

OLED // TOUCH BUTTON



OLED // TOUCH BUTTON



The beauty of these OLED touch buttons lies in the great functionality on just a small surface. You can actually operate 48 functions! In the standby mode the latter responds like a regular switch with 6 functionalities, each time with a possibility to press short and long. When you press the middle button, the screen is activated. The screen offers three possibilities: temperature, audio, and moods. In the submenu "temperature" you can read the number of degrees in the room and you are able to select four different regimes. When you have selected a regime, it's still possible to do the settings separately. In the submenu "audio", you can choose from different music sources and you can adjust the volume. In the submenu "moods", you can activate or unblock 20 different moods.

Available in the following versions:



DT1C-4Gb
black glass



DT1C-4Gw
white glass



DT1C-4Gs
silver glass



DT1C-4Cw
Corian white



DT1C-4Ab
black alu



DT1C-4ALw
white varnished alu



DT1C-4Ag
alu



DT1C-4Br
bronze



WALL SOCKETS



Available in the following versions: single, double and triple cover plate



DTSCN-1Gb
black glass



DTSCN-1Gw
white glass



DTSCN-1Gs
silver glass



DTSCN-1Cw
Corian white



DTSCN-1Ab
black alu



DTSCN-1AL
white varnished alu



DTSCN-1Ag
alu



DTSCN-1Br
bronze



The Duotecno touch screens can be completely adjusted to your liking. It's possible to create your own icons and to display them on the touch screen. The "My Home" function allows you to arrange your house practically, thus making the control smoother.

TOUCHSCREENS



Touch screens

Higher resolution and improved colors in an unique design. More user-friendly and easy to program.

You can choose the icons from a library. Built-in box 5,8" (DT0C-W5)

Available in the following versions:



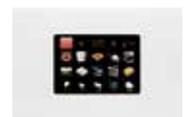
DT0C-6Gb
black glass



DT0C-6Gw
white glass



DT0C-6Gs
silver glass



DT0C-6Cw
white corian



DT0C-6Ab
black alu



DT0C-6ALw
white varnished alu



DT0C-6Ag
alu



DT0C-6Br
bronze



You're able to adjust the look of the Homemanager entirely to your liking. It's possible to create your own icons and to use your own background in order to create a look that matches the interior of your home perfectly.

TOUCHSCREENS

DTOC-19
touchscreen 19"



Monitor Touch screen for PC 19"

19 inch touchscreen with stainless steel frame that is connected to a PC via serial or USB connection. This touch screen is connected to a PC equipped with the Homemanager software. It is connected to a PC equipped with the Homemanager software. In case of larger distances the converter can be used through FTP. (see accessories).

Also available in 15" and 17"

Available with aluminum or black aluminum frame.

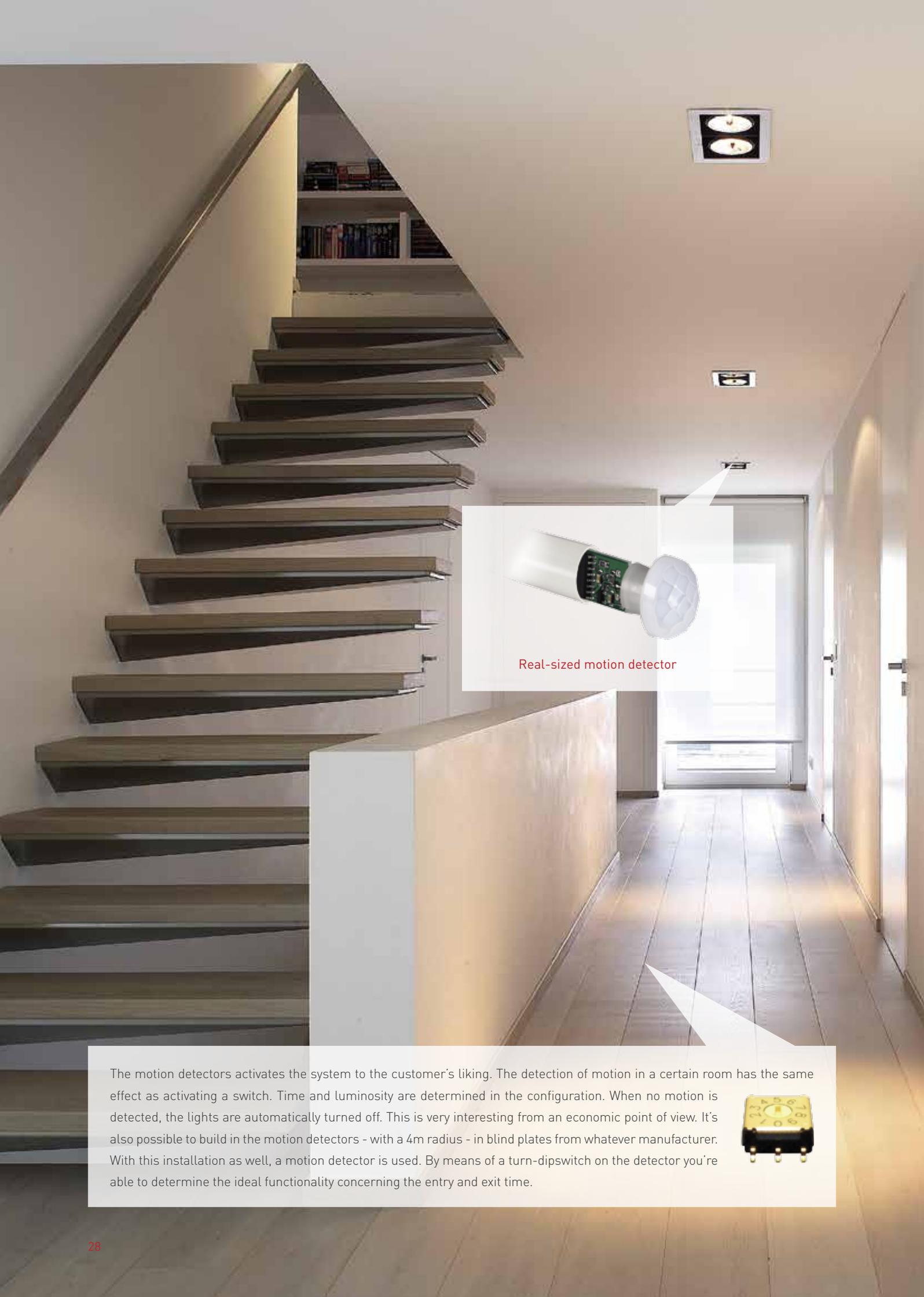
optional: white glass or black glass frame.



DTOC-15
touchscreen 15"



DTOC-17
touchscreen 17"



The motion detectors activates the system to the customer's liking. The detection of motion in a certain room has the same effect as activating a switch. Time and luminosity are determined in the configuration. When no motion is detected, the lights are automatically turned off. This is very interesting from an economic point of view. It's also possible to build in the motion detectors - with a 4m radius - in blind plates from whatever manufacturer. With this installation as well, a motion detector is used. By means of a turn-dipswitch on the detector you're able to determine the ideal functionality concerning the entry and exit time.



DETECTORS



DT40-Bw

Pir detector for built-in ceiling white
Motion detector to be built in the ceiling
with a 10-meter radius 360°



DT40-Bb

Pir detector for built-in ceiling black
Motion detector to be built in the ceiling
with a 10-meter radius 360°



DT40-Sw

Pir detector small white
Motion detector to be built in smaller rooms, also
fit to be built in a blind plate from whatever brand.
5-meter radius 360°.



DT40-Sb

Pir detector built-in ceiling black
Motion detector to be built in smaller rooms, also fit
to be built in a blind plate from whatever brand.
5-meter radius 360°.



DT40-LV

Pir detector small white
Motion detector built in a Btcino plate.



DT40-NA

Pir detector small black
Motion detector built in a Niko plate.

The temperature sensor measures the temperature for every room. It is then transmitted to the system which activates the heating or cooling system. The sensors are available separately or can be built in the modules of different manufacturers.

There's a recess in the back of the Duotecno touch buttons so that a temperature sensor can be incorporated in an aesthetic fashion.



SENSORS



DT30-EX

Temperature sensor

Measures temperature for each room so heating and/or cooling can be controlled.



DT30-LG

Temperature sensor in bTicino light



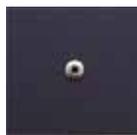
DT30-LV

Temperature sensor in bTicino living



DT30-TE

Temperature sensor in bTicino tec



DT30-NA

Temperature sensor in Niko Anthracite



DT30-NC

Temperature sensor in Niko Cream



DT30-NW

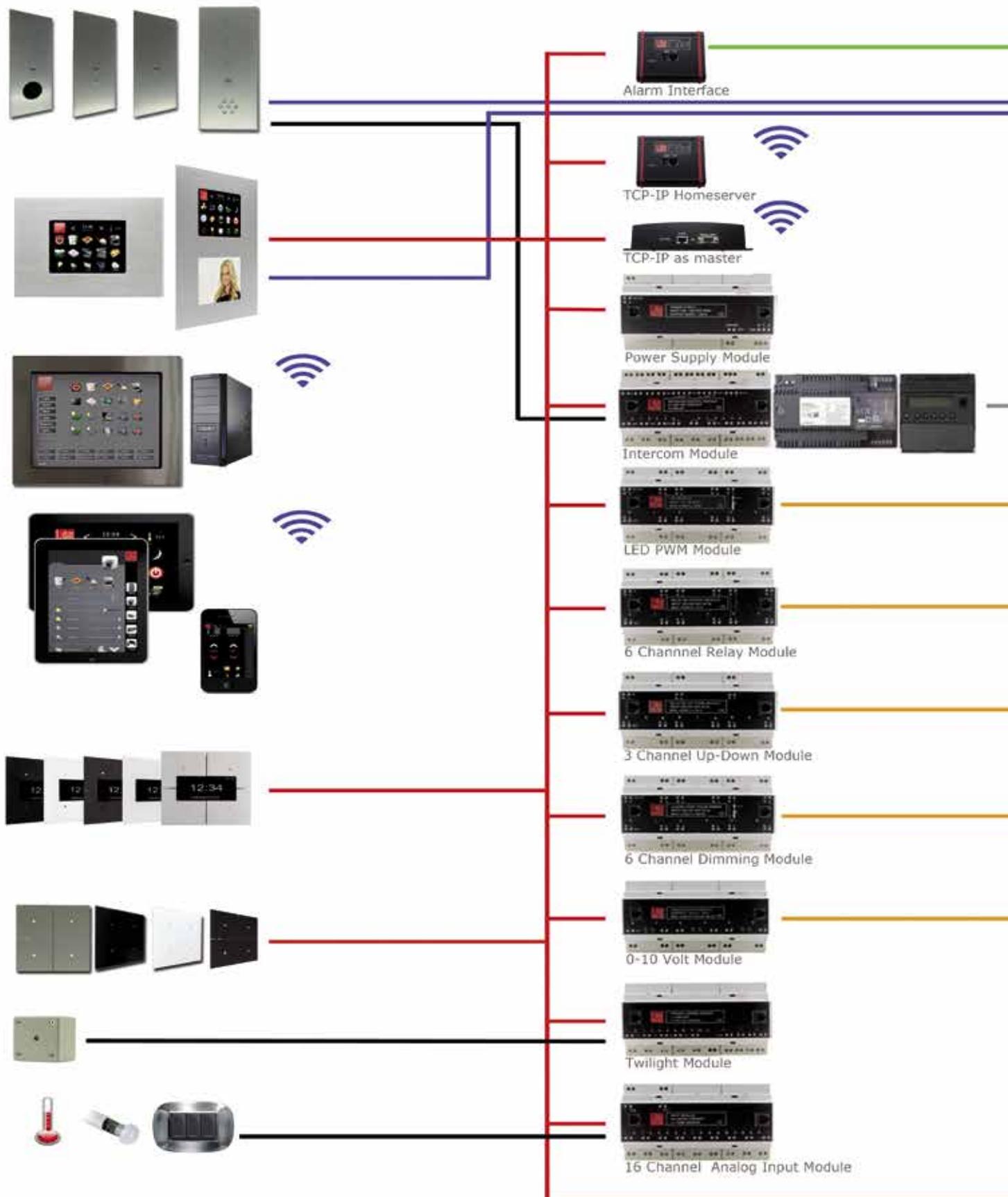
Temperature sensor in Niko White

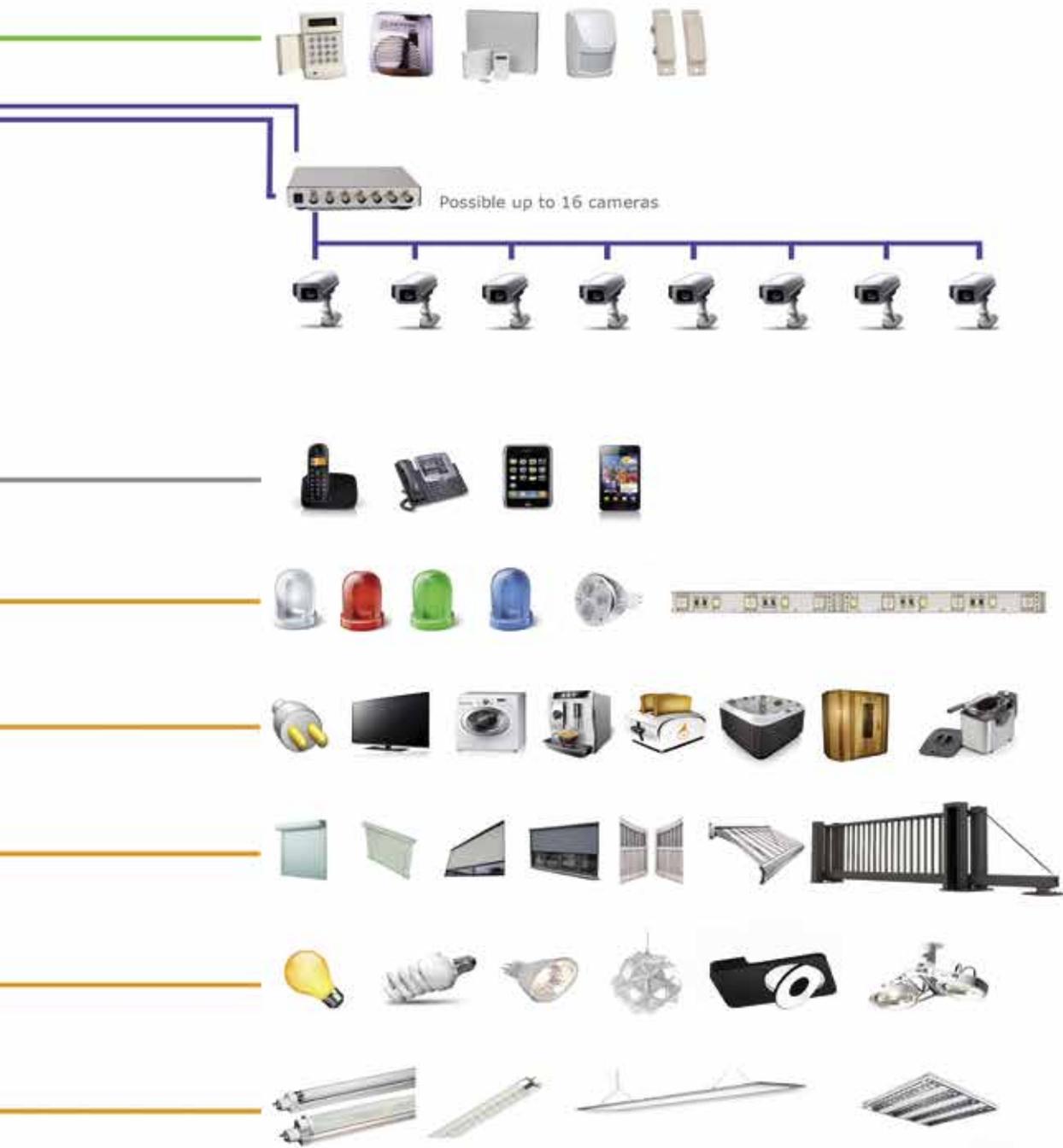


DT30-OA

Temperature sensor in casing of your choice

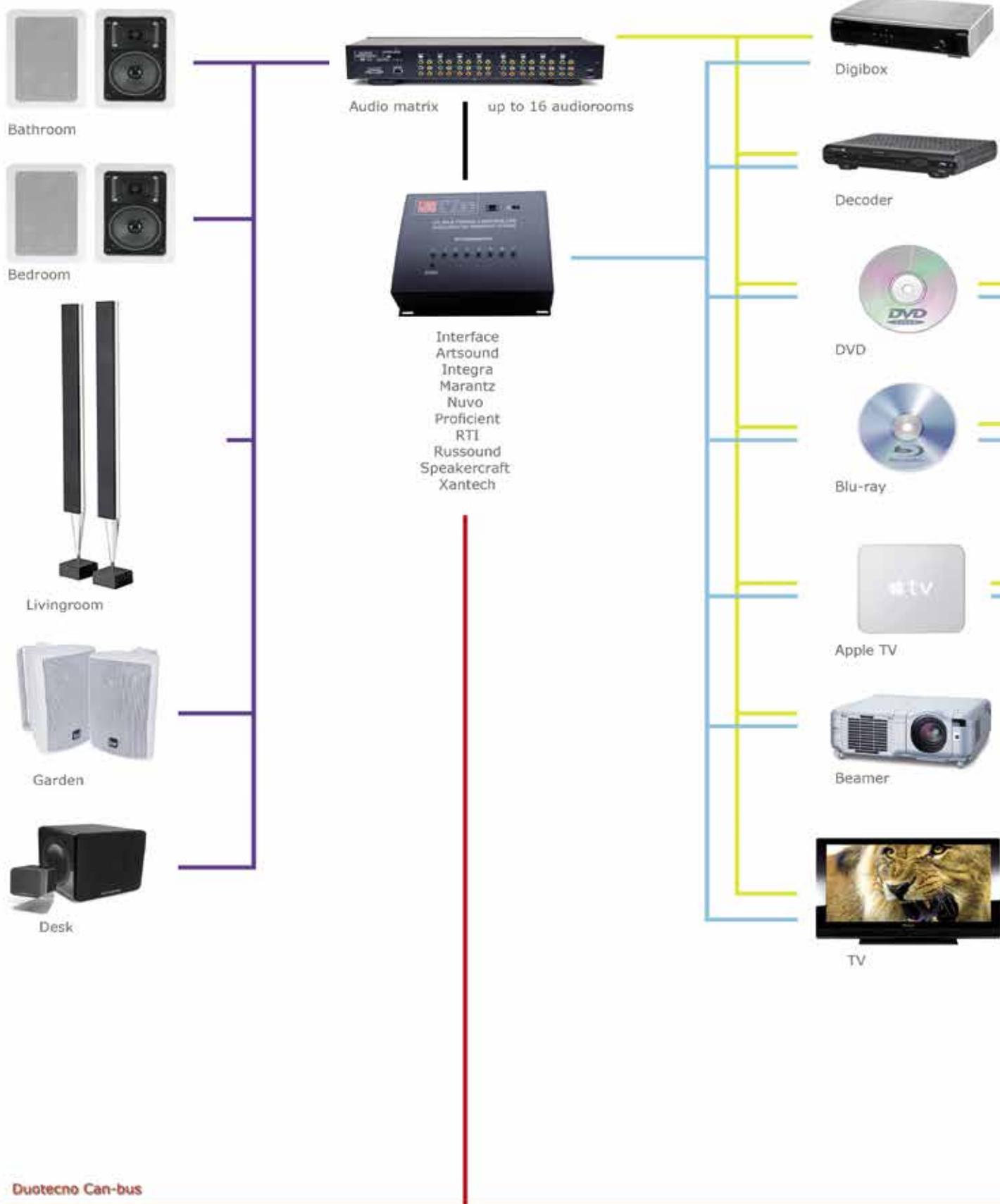
SYSTEM OVERVIEW HOME AUTOMATION

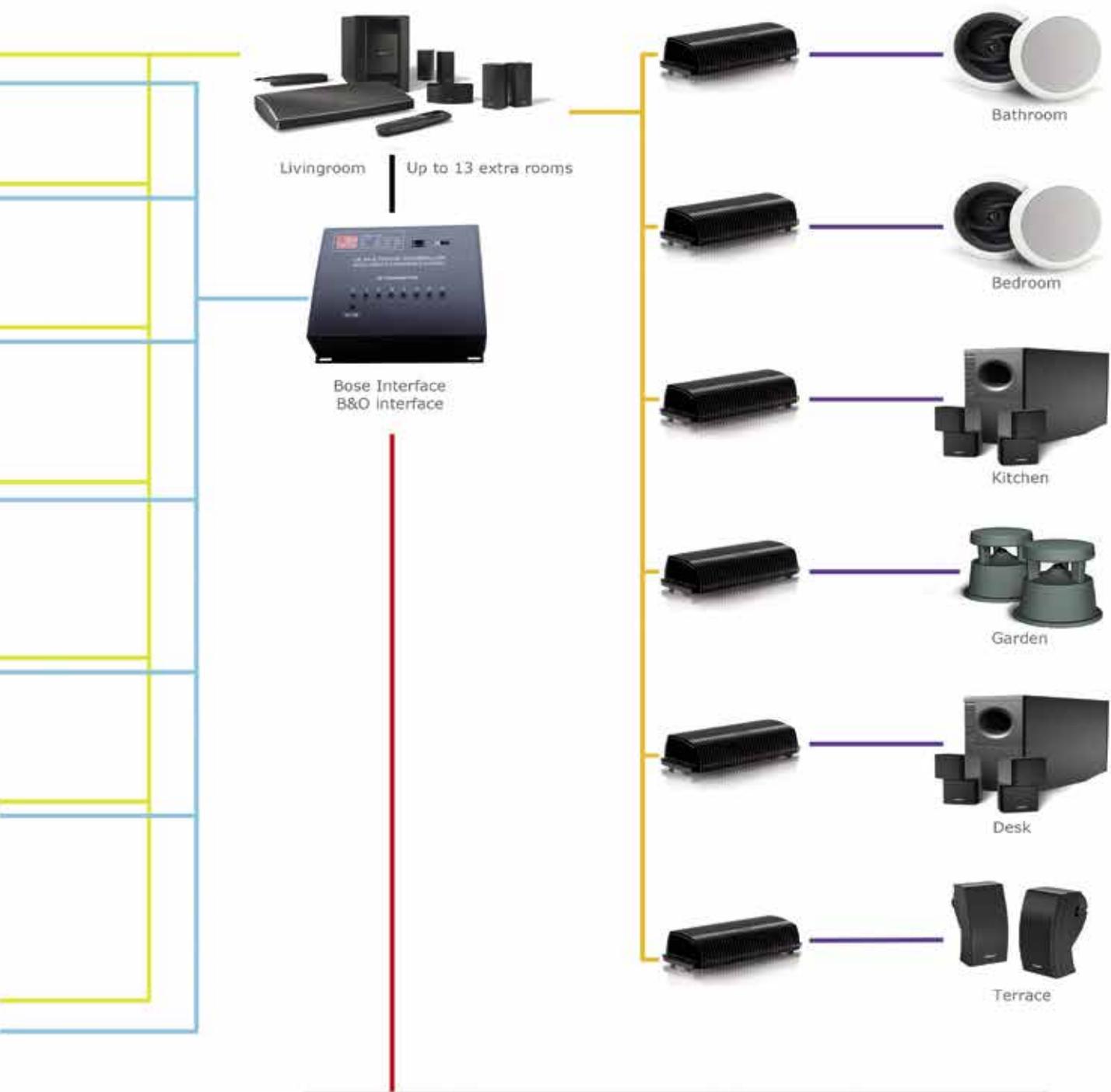




- FTP (twisted pair)
- Coax Cable
- UTP or telephone cable
- Cinch(RCA)
- 220 Volt
- SVV Cable

SYSTEM OVERVIEW HOME AUTOMATION





 FTP (twisted pair)	 Speakercable
 IR eye	 HDMI or Cinch (RCA)
 BOSE Linkcable	 Link Cable



By integrating your videophone in the home automation system, you can create a whole lot more features. Everything can be set to your liking: when you leave home, the outside post is connected to your mobile phone. The outside post can be integrated in a camera surveillance system which takes 4 photographs of the visitor in your absence which will be sent by email to your PC and smart phone. The outside posts are finished in stylish anodized aluminum with an invisible camera, which benefits safety.

VIDEOPHONE SIEDLE



DT20-BD

Outside post with biometry

Digital outside post for videophone with integrated camera and fingerprint scanner.

Built-in box DT20-BW



DT20-02

Outside post

Digital outside post with two push buttons for videophone with integrated camera

Built-in box DT20-WB



DT20-0D

Outside post

Digital outside post for videophone with integrated camera.

Built-in box DT20-WB



DT20-CD

Outside post with code keyboard

Digital outside post for videophone with integrated camera with code keyboard.

Built-in box DT20-WB



DT0D-6GCx

Video screen TFT 6,4" for integration with touch screen

Extension of the touchscreen to a double frame, where the frame below is a video screen. Available in all glass designs of the single TFT. For the color code, please visit our site. Double built-in box: DT0C-DW



D21-IN

Intercom module

Module for speech part, push-buttons for ringing, screens and controlled 12VDC and 220 V exits.



D21-SI

Telephone coupler with 3 connections

Digital telephone coupler with three connections, power supply included



DT20-B0

Biometric built-in stand alone

Separate fingerprint scanner.



By integrating your videophone into the home automation systems you create again a whole lot more features. Everything can be set to your liking: when you are not at home, the outside post is connected to your mobile phone. The outside post can be integrated in a camera surveillance system which takes 4 photographs of the visitor in your absence which will be sent by email to your PC and smartphone. The outside posts are equipped with led in the cameras in order to be able to record when it's dark outside.

VIDEOPHONE COMELIT



DT20-ODC

Outside post

Digital outside post for videophone with integrated camera. Built-in box: DT20-WB



DT20-CDC

Outside post with code keyboard

Digital outside post for videophone with integrated camera and code keyboard. Built-in box: DT20-WB



DT0D-6GCx

Video screen TFT 6,4" for integration with touch screen

Extension of the touchscreen to a double frame, where the frame below is a video screen. Available in all glass designs of the single TFT. For the color code, please visit our site. Double built-in box: DT0C-DW



DT21-IN

Intercom module

Module for speech part, push buttons for ringing, video screens and controlled 12VDC and 220V exits.



DT21-CO

Home automation coupler Comelit

These are some Comelit modules necessary to made the connection with the Duotecno home automation system.



DT21-COT

Telephone coupler Comelit

This coupler is only necessary when the client wishes that the intercom also has to call up the phone or GSM.



It's possible to import pictures from your home into the home manager and to install functions on it. This would make it very easy to control everything. By means of a simple click on the icon an appliance can be turned on or off. When an icon is colored in, you know that the appliance is in operation. The home manager also has a very fast feedback.

HOME MANAGER



In combination with the Home Server the Duotecno HomeManager offers the possibility to control your home automation from a desktop or a laptop. This communication goes entirely over the TCP/IP network allowing you to operate by using wireless internet. Providing the correct configuration you can control your home via the Internet. This would allow you to log in to your home automation at the office or when you're on holiday and control your lights or watch your cameras.

The possibilities are endless. You can use this software to control your lights, appliances, roller blinds, audio, temperature, cameras, digiboxes,.... This visual beauty can be smoothly integrated in your interior thanks to the possibility to adjust all backgrounds, colors and fonts to your liking. The Myhome function, which shows a plan of your home, gives you a quick overview of the different parts of your home. Being the end client, you can very easily make adjustments to the program because of which everything will be executed according to your wishes even more.

DT18-HS

TCP/IP Home Server

This module can connect 20 IP addresses to the home automation system. This means that you can control the home automation with your pc/laptop and tablet/smartphone through the home network or Internet and this up to 20 different appliances. There's no more need for a pc which is switched on 24/7 and consumes a lot of energy. This small energy-friendly module manages all traffic between your home automation system and the HomeManager software. The latest version of the homemanager and the updates are delivered freely on an USB-stick with this module. In order to be able to operate via the smart phone, you'll have to download an application.



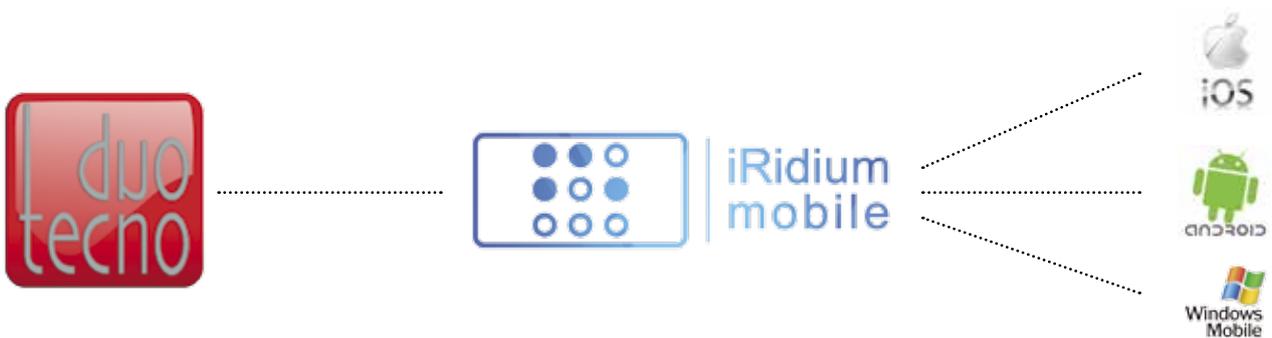


The application for tablets makes it possible to run all functions of the touch screen. This way you can control lights, appliances from a distance. The audio feature as well can be controlled completely. You can choose the audio source and adjust the volume from the garden or the pool.

DUOTECNO ON ALL USER PLATFORMS

Using the open source IP control we have developed drivers for different software manufacturers which are available for free. Using Iridium, Command Fusion and RTI application (against payment on the appstore) you are able to control the entire Duotecno system. Iridium is an international software covering a lot of user platforms such as IOS (Apple), Google Play, Android, Windows 8, etc.

The beauty of Iridium is that this program is freely available. There's a scan function especially made for Duotecno. This means that an automatic plug and play is possible, just as this is the case for the binding and home manager software. You don't have to tamper anymore with addresses and units. This is done automatically for you. Although Iridium gives you the liberty to create your own look and feel, Duotecno has also a well-known and very user-friendly user interface standard available. It has a similar menu structure everywhere : touch screen, PC ,smart phone, tablet PC.

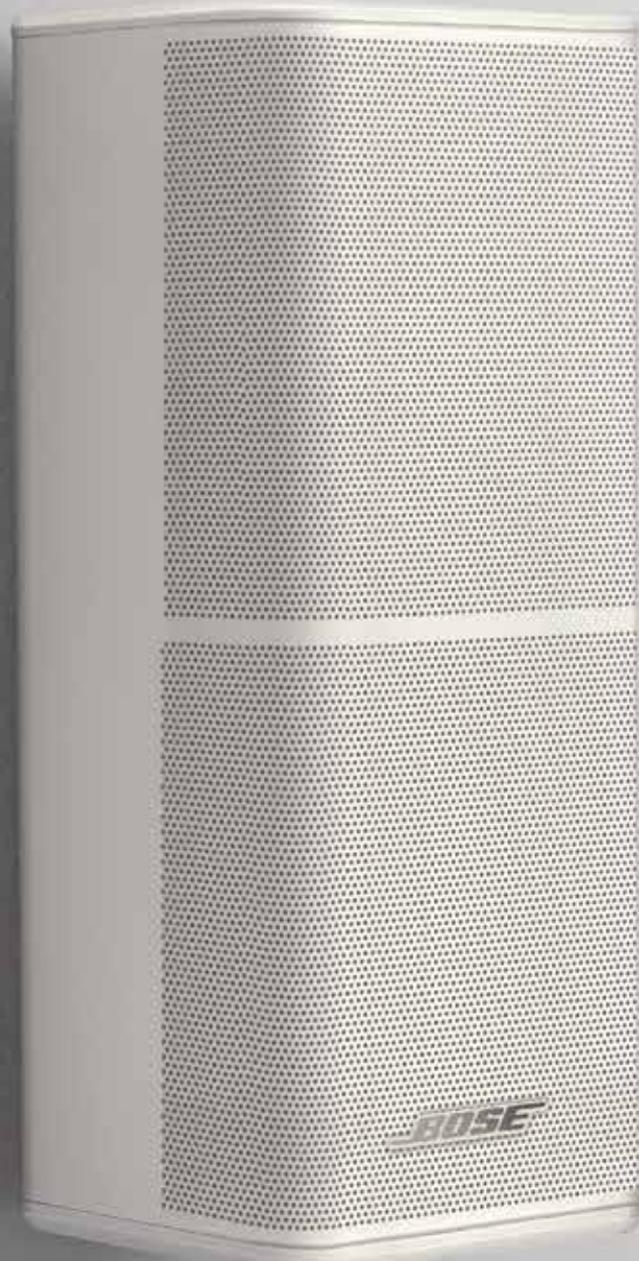


DT18-MA

TCP/IP as Master

The TCP/IP module as master is a very flexible system. It's no longer necessary to program a touch screen attached to the wall to control moods, time events and logical clocks. These options can now be configured in this TCP/IP module. The module enables communication with 20 devices at the same time. E.g. you can control the TV with your smart phone while your spouse activates the lighting in the garden and a third person sets the heating in comfort mode.





BOSE INTERFACE



DT10-BOE

Bose interface + 8 Chan. IR Transmitter

The fine collaboration with Bose USA enabled our R&D to develop this unique interface. The interface can control all Bose lifestyle sets providing they have a serial data entrance. These sets can be controlled through remote control, push buttons, iPad® or iPhone® and the Duotecno touch screens. The touch screen and the iPad®/iPhone® shows you different rooms and what source is activated. Eight additional sets can be controlled through infrared. These may include audio sources like a tv, radio, DVD pr Blu-ray player, a digital TV tuner from Belgacom or Telenet, a satellite receiver, For each set there's a IR led required which has to be adhered to the set. Your Bose remote control can therefore control a whole series of sets at once. Now, the mood "watching television" will turn into an even more amazing experience when lights, temperature, curtains, television, digibox and sound installation are all controlled by one mere click on the button.





AUDIO INTERFACE



Duotecno has a very sound reputation when it comes to controlling audio/video. You can choose from a dozen diverse multiroom systems which can be connected directionally. These sets can be controlled through touch screen, touch button smart phone, tablet PC or the original controller. The return message allows you to see which source is activated in which room. The infrared ports make it possible to control eight different sets: multiple digital tuners like Belgacom or Telenet, Blu-ray/DVD, tv, ...

INTERFACE TO HEATING // COOLING // VENTILATION

The MOD-bus interface (DT13-MOD) enables you to control the full climate control through the home automation system. Various well-known HVAC systems use this protocol. The interface will enable the airconditioning when it's too warm and will disable it when the desired temperature is obtained.



KNX - INTERFACE



This interface connects the Duotecno system with a KNX system. This makes it possible to send commands through touch screens, touch buttons,... which are run by modules of the KNX system.

INTERFACE FOR ALARM



Satel



NetworX



ARITECH



Honeywell



Texecom



...

DT13

Bidirectional alarm interface

This interface can disarm the alarm through a Duotecno touch screen. You can set off the alarm by pressing the "everything off" button. The detectors and contacts of the alarm can be used to activate the lighting or to switch off the heating. In case of an alarm, not only the siren can be activated but all lights and audio installation as well as additional scare off effects. The visualization of the security is also possible in combination with the TCP/IP module. Your PC or smart phone will indicate whether it's a false or serious alarm. When it's a serious alarm you can even see in which room that intruder is present. The magnetic contacts provide a visualization of which windows or doors were opened.

CONTACT

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