

HOMESENSE

All about the **smart home**



Reaching
for the
stars

Even smarter

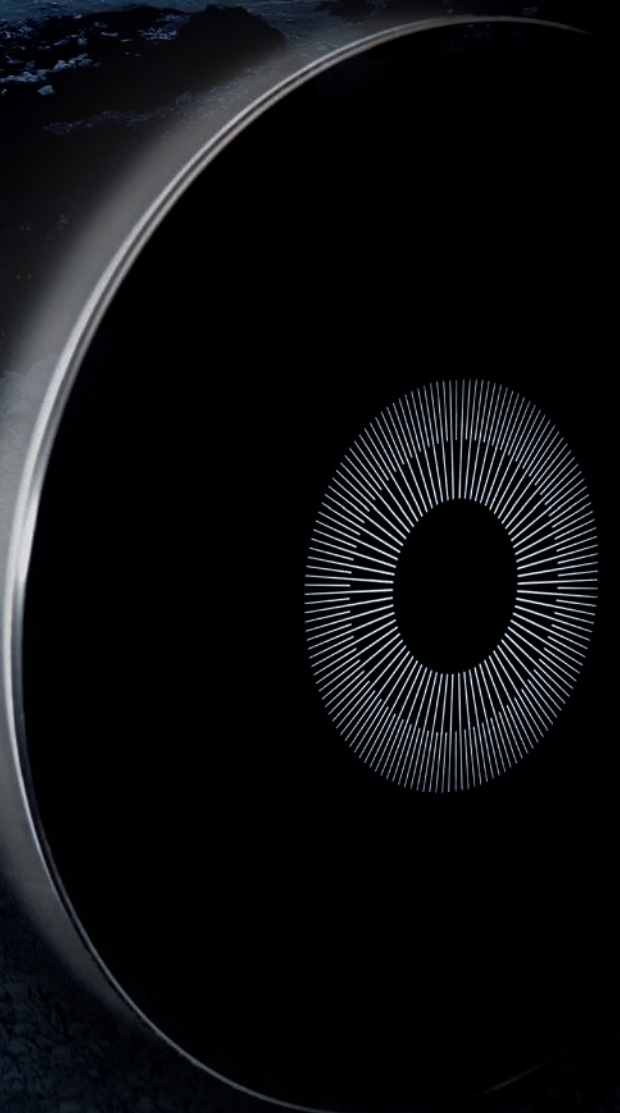
Design and innovative technology are combined in DIVUS CIRCLE to create a device of the highest sophistication and exclusivity. It is a door intercom with hidden camera, complete outdoor wall lamp, digital bodyguard and butler all in one. Intelligent features are hidden behind the round glass pane: a capacitive touch display that welcomes visitors depending on the configuration, an RFID reader, proximity and brightness sensors, loudspeaker and microphone.

The built-in camera speaks for itself. Pin-sharp images can be displayed and recorded by day and night.

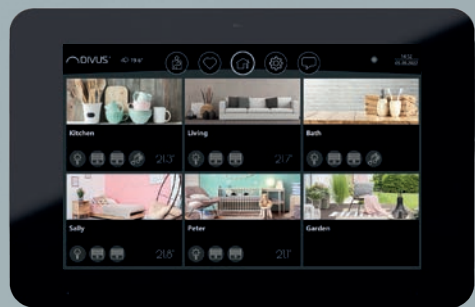
DIVUS CIRCLE can automatically take photos of anyone who is in the entrance area. These photos

can be displayed on building touch panels in the home or on smartphones & tablets, giving residents the ability to respond appropriately in a timely manner. Due to the flexibility offered by the intuitively configurable display, DIVUS CIRCLE is designed for single or multi-family homes, as well as for villas, medical practices, residential or office complexes.

The DIVUS CIRCLE is an award-winner - honoured with design awards such as the Red Dot Design Award, the iF DESIGN Award, the DESIGN PLUS „Best of“ Award and the Plus X Design Award in the categories High Quality, Design, Ease of Use and Functionality, it sets new standards in door communication.



Fixed KNX panel or tablet for Smart Home control?



A smart home offers the possibility of integrating various automatically controllable systems, such as lighting, heating, blinds or music, in order to increase the living comfort in your home. KNX is a recognised standard for building automation. It is widely used, making a number of smart devices and components from various manufacturers compatible with each other. A central element of a KNX system is a KNX server or a KNX stand-alone panel, which both control automatic processes and provide the visualisation software. The latter provides the user with an overview of all control functions, system and operating messages and thus ensures greater ease of operation. A simple tap of the finger is enough to operate different functions simultaneously. In addition to permanently installed control panels, iPads, Android tablets and smartphones can also serve as control devices.

Smart home control via a KNX control panel

A control panel can be permanently installed on the wall at a central location in the house. Panels can be installed either via a flush-mounted box or as a surface-mounted variant. In this way, the smart panel integrates seamlessly into the living ambience and thus enhances the already high-quality overall impression. At the same time, a permanently installed device acts as a central contact point for your Smart Home. Calls from the intercom system can be answered on the panels.

Advantages of a KNX touch panel

The wall-mounted touch panels are designed for 24/7 continuous operation thanks to durable, high-quality components. A specially designed thermal management system ensures that waste heat is efficiently dissipated and important electronic components do not overheat. Thanks to these components and an energy-efficient power supply, permanently installed panels are more resource-efficient than batteries. They also score points with other functions that are especially helpful for intelligent home control. Due to their LAN connection, permanently installed panels are more operationally secure and reliable than wireless WiFi systems. In addition to the functional advantages, the KNX touch panels show their advantage in design. Wall mounting allows the use of larger displays that would not be possible as a mobile solution. As a result, the devices offer significantly more space for loudspeakers and interfaces, which are important for a higher range of functions such as door communication.

Operate different functions simultaneously with a simple finger tap



KNX - THE INTELLIGENT STANDARD FOR BUILDING

Regardless of whether you are planning your private dream home or want to create future-proof living space as an investor, no one can ignore smart home technology any more. With the networked solutions of KNX, building owners and modernisers have the necessary functionality at their fingertips to guarantee individual living comfort and flexibility, energy efficiency and security in their properties. In commercial and functional buildings, intelligent automation based on continuous monitoring and demand-oriented energy management is already state-of-the-art and indispensable. With KNX, you can rely on a uniquely versatile, flexible and one hundred percent compatible complete system based on a globally certified standard.



Security in your own home provides a sense of reassurance!

Summer marks the beginning of the travel season and many people go on holiday. But at the same time as the holiday anticipation increases, so does the concern about the security of one's home. The smart home therefore offers innovative solutions that provide more security in your home.

Presence simulation as a deterrent

Precaution is the best way to keep uninvited guests out of your home. It's great that with your smart home you always have a reliable guardian at home while you are away! Simply simulate presence by linking lights, shutters, TV or music system in the KNX-CONTROL system to a scenario that is active at different times of the day. Already 95% of burglars are deterred by the presence of the occupants and the thought of possibly bumping into you!

Alarm system cleverly integrated

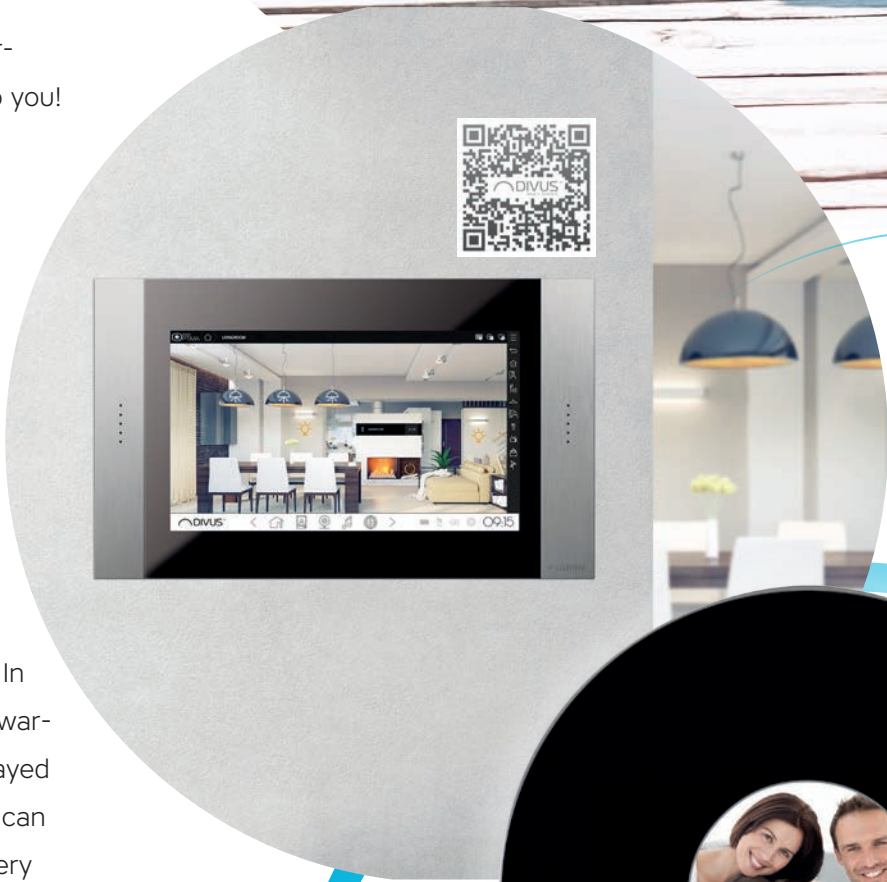
In order to be warned in good time if someone tries to break into your house, it makes sense to combine door and window sensors, motion detectors and surveillance cameras with the alarm system of the installation in order to integrate them into the DIVUS OPTIMA/VISION visualisation. Whether at home via a touch panel or on the move with a smart device, you are immediately informed if something unusual happens in your home and you can always keep an overview.

Smoke alarm

Integrated smoke detectors alert you in the event of a fire or smoke formation. In the event of an emergency, these immediately make the alarm ring and a loud warning signal is heard throughout the house. At the same time, a warning is displayed on the touch panel, as well as on the mobile smart device, and the fire brigade can be informed in time. The prerequisite for this is to install smoke detectors in every bedroom, hallway and living room. However, to avoid the danger of a house fire from the outset, possible fire traps, such as an iron that is still switched on, can be easily disconnected from the mains while on the move. Intelligent sockets that are integrated into the KNX system can be switched remotely via the visualisation app.

A video door intercom should not be missing

DIVUS CIRCLE video door station, the camera is hidden, because not everyone needs to know that it is there. Thanks to the high quality of the lenses, depending on the setting, sharp, clear images of the ringing guest can be recorded and stored internally. If desired, the device can take a picture of approaching persons which contributes additionally to your security. Hidden behind the round glass panel is a capacitive 7" LCD touch display that greets visitors individually depending on the time of day or night. Different scenarios can be selected. DIVUS CIRCLE thus assumes the function of a digital butler who is omnipresent and always available. It accepts messages and reliably forwards them. At the same time, it acts as a personal bodyguard and guardian of the house. Depending on the pre-setting and scenario, visitors are welcomed in a friendly manner, observed sceptically or firmly rejected.



Not just a trend

*Smart home is far more than just a trend.
A smart home makes life easier in many ways.
But what are the concrete advantages of home automation? Isn't it very expensive and time-consuming to make your own four walls „smart“?
And can you then only control your home via an app?*



What are the advantages of a smart home?

Smart home automation networks various applications in the house, for example shutters, lights, heating and electrical devices, and automates individual or even complex processes. This brings noticeable comfort for the residents: „Once the system is in operation, the residents no longer have to worry about everyday routines“. Shortly before getting up, the heating brings the bathroom to a comfortable temperature, when leaving the house, all non-relevant consumers are switched off and in the evening, all shutters can be closed from the couch at the touch of a button. Automated processes also help to save energy. In winter, the roller shutters close automatically when dusk falls; as soon as a window is opened, the heating is turned down. A smart home also provides more security. During longer absences, a presence simulation controls the processes all by itself; roller shutters are automatically activated, lights are switched on or off, and music can even be played if desired. If a thunderstorm comes up while the residents are out, the sensitive awning can be retracted - simply by app or weather sensor. If the smoke detector rings the alarm, the roller shutters open automatically to reveal the illuminated, life-saving escape routes.

2

Can home automation also be retrofitted in old buildings?

Home automation based on KNX radio can easily be retrofitted in existing flats and older houses. Since the various components are networked wirelessly, there is no need to prise open walls or lay cables for the installation. A KNX RF radio system can be flexibly changed or expanded at any time and thus always adapts to the individual living situation and the needs of the residents without much effort. So if you don't want to network the entire home right away, you can start small and automate only the roller shutters, for example, as a first step. If the desire for more comfort increases over time, further components such as lighting control or security functions such as smoke alarms and indoor or outdoor cameras can be easily retrofitted. Of course, the KNX-RF radio components can also be fully integrated into the „wired“ KNX.



How do I save energy and money?

In times when electricity prices are soaring and environmental awareness is becoming increasingly important, optimising energy efficiency in the smart home is very much in vogue. Conserving resources without sacrificing the desired comfort becomes a matter of course with intelligent energy management. The KNX-CONTROL system from DIVUS communicates with KNX meters of all types. Data such as electrical values, gas consumption and water consumption are recorded in real time and processed by the visualisation interface and then displayed graphically. This not only provides the necessary overview, but also shows potential energy savings. With the help of the recorded values, individual consumers can be specifically switched off or on. The integrated load control ensures that the energy consumption always remains within the desired range, thus automatically saving electricity and preventing overloads.

3



Smart Home Trends 2023

75%

of smart home customers are younger than 55.



66%

of smart home consumers are concerned about their data security

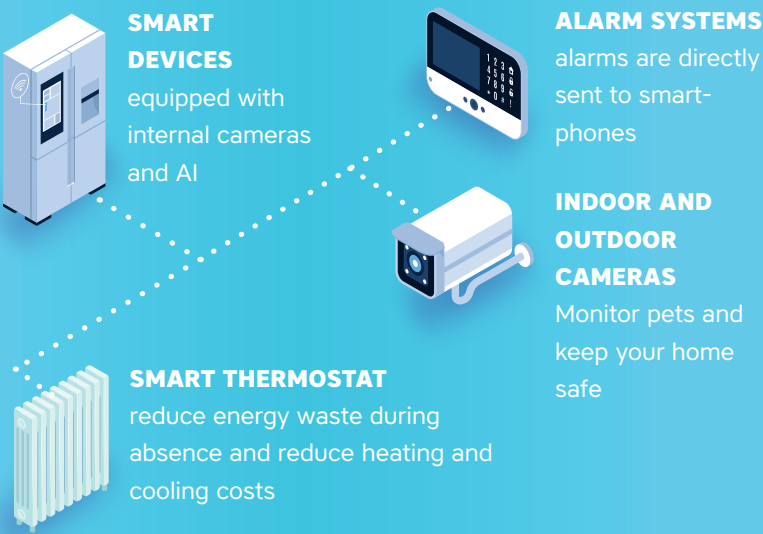


20%

Increase in market turnover by 2026.

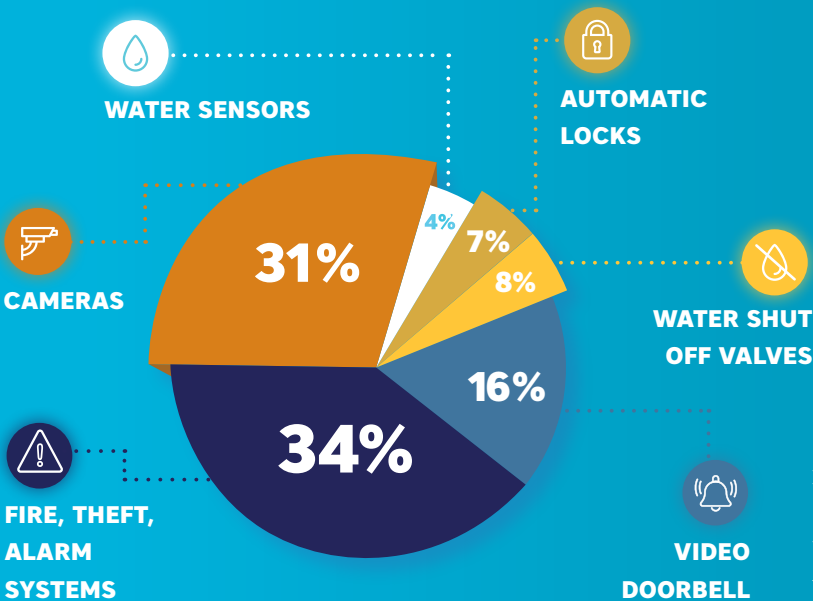


What is common in today's smart homes



Which device offers the best protection

*according to smart home owners



Statistics from www.ftpro.com/blog/smart-home-statistics

The elegant and efficient control centre for your smart home

DIVUS TOUCHZONE is a universal wall terminal based on an Android operating system adapted for home control, on which control apps for DIVUS smart home systems are already pre-installed.

The advantages of such a system are undeniable: stable operation is guaranteed; as a permanently mounted device, it has neither limited battery life nor can it be misplaced. Of course, this also means that DIVUS TOUCHZONE combines functions of a smartphone with security-relevant demands from the world of buildings. The control and monitoring of a house must be secure at all times.

At the same time, like a tablet PC, DIVUS TOUCHZONE offers versatile functions that can do much more than just control the home. The capacitive all-glass multi-touch allows gesture operation, zooming and simultaneous, different triggering of functions. Via its customisable menu interface, the home control functions can be called up just as easily and intuitively. On the large multi-touch display, labels, texts and symbols can be displayed in a size that even children or elderly people can understand and read, thus enabling this group of people to operate the DIVUS TOUCHZONE as well.

Your door intercom system can be controlled via TOUCHZONE using the associated VIDEOPHONE app. As a control interface for bell signals and door contacts, it completes the functional scope of the slim wall terminal.

For its innovative concept and elegant design, DIVUS TOUCHZONE was awarded the Plus X Award in the categories High Quality, Design, Ease of Use and Functionality, as well as Best Product.





The new DIVUS Video spots

Videos arouse emotions, they let a product speak and are very trendy; a moving picture says more than a thousand words. That's why DIVUS has expanded its series of recordings and shot three new commercial video clips for DIVUS products. These bring the advantages of a smart home closer to the user in a simple, short and entertaining way. Everyday life situations show the effective and useful use of DIVUS home automation. The complex technology behind it remains hidden from the viewer, who is presented with the many concrete advantages of its use in everyday life. The moving images in the three following scenes, based on recordings in a reference building, clearly convey the possibility of controlling and monitoring the personal living area:

The parcel delivery man rings the doorbell. The front door opens. With the help of the DIVUS Circle, it is very easy to control the entrance to the house or flat. What comfort!

The morning awakens. All rituals that start the day harmoniously are controlled completely autonomously by the DIVUS KNX IQ. The fresh coffee bubbles in the coffee machine and smells tempting, the shutters open and the first rays of sunlight reach the interior, while the lady of the house calmly does her morning yoga exercises. What a relaxing start to the new day!

Barbecue in the garden with the whole family. Parents prepare lunch on the terrace. The children are playing football in the garden and overhear the multiple shouts of the parents. Smiling and winking conspiratorially at the mother, the father turns on the garden watering system ... and the children are at the lunch table in no time. Technology sometimes makes everyday life easier in a humorous way!

Conclusion: DIVUS products make life simple and safe. Technology can bring harmony and sometimes even fun.



DIVUS KNX IQ - retrofit for many mounting boxes

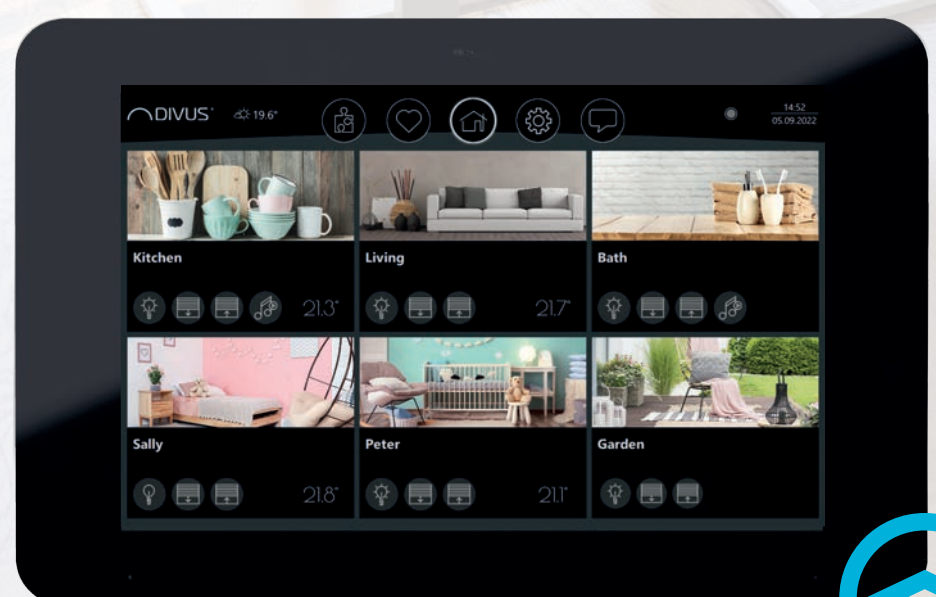
DIVUS KNX IQ is the smart KNX stand-alone panel for every budget. The 8" capacitive touch display is a KNX control system and door intercom for buildings of any size.

The entire visualisation of flats, single and multi-family houses, hotels, as well as warehouse and commercial buildings can be displayed and controlled. The panel is equipped with an 8" capacitive touch display, available with or without the KNX interface. It is a surface-mounted device that can also be installed for retrofitting (retrofit) and protrudes only slightly from the wall. Compatible boxes include Gira/ABB/Berker MT701, Merten U.Motion, Kaiser switch boxes or Biticino/Vimar 503. Installation is in landscape or portrait format. The KNX visualisations DIVUS VISION and the apps DIVUS IQ LAUNCHER, DIVUS VIDEOPHONE, DIVUS KIBRO, DIVUS IP CAM VIEWER, DIVUS SCREENCLEANER are already pre-installed.

The visualisation interface DIVUS VISION convinces with its simplicity, both in the implementation by the system integrator and in the daily handling and control by the customer. Light, shading, temperature, music and alarm can be conveniently controlled and managed via the panel. In addition, smart devices can be integrated into the visualisation. Built-in sensors include proximity detection, brightness sensor, I/O for the simple bell button, as well as loudspeaker and microphone. Data logging, astronomical clock, various scenarios, presence simulation, PIN protection, CLOUD connection as well as backup are just some of the many functions of this smart KNX stand-alone panel made by DIVUS.

KNX IQ becomes an intercom through the new DIVUS VIDEOPHONE 4 software. The app allows both audio communication with a connected SIP remote station (e.g. DIVUS CIRCLE) and the display of the video image of the remote station. DIVUS KIBRO is the perfect application for all those who want to display web content in full-screen mode. It is a small, lightweight kiosk browser that provides various options for easy configuration. In addition to the server URL, the autostart behaviour of the app, the display behaviour (display always on when the app is in the foreground, or the use of the energy settings of the device) and much more can be set.

For more information, visit our website
www.divus.eu



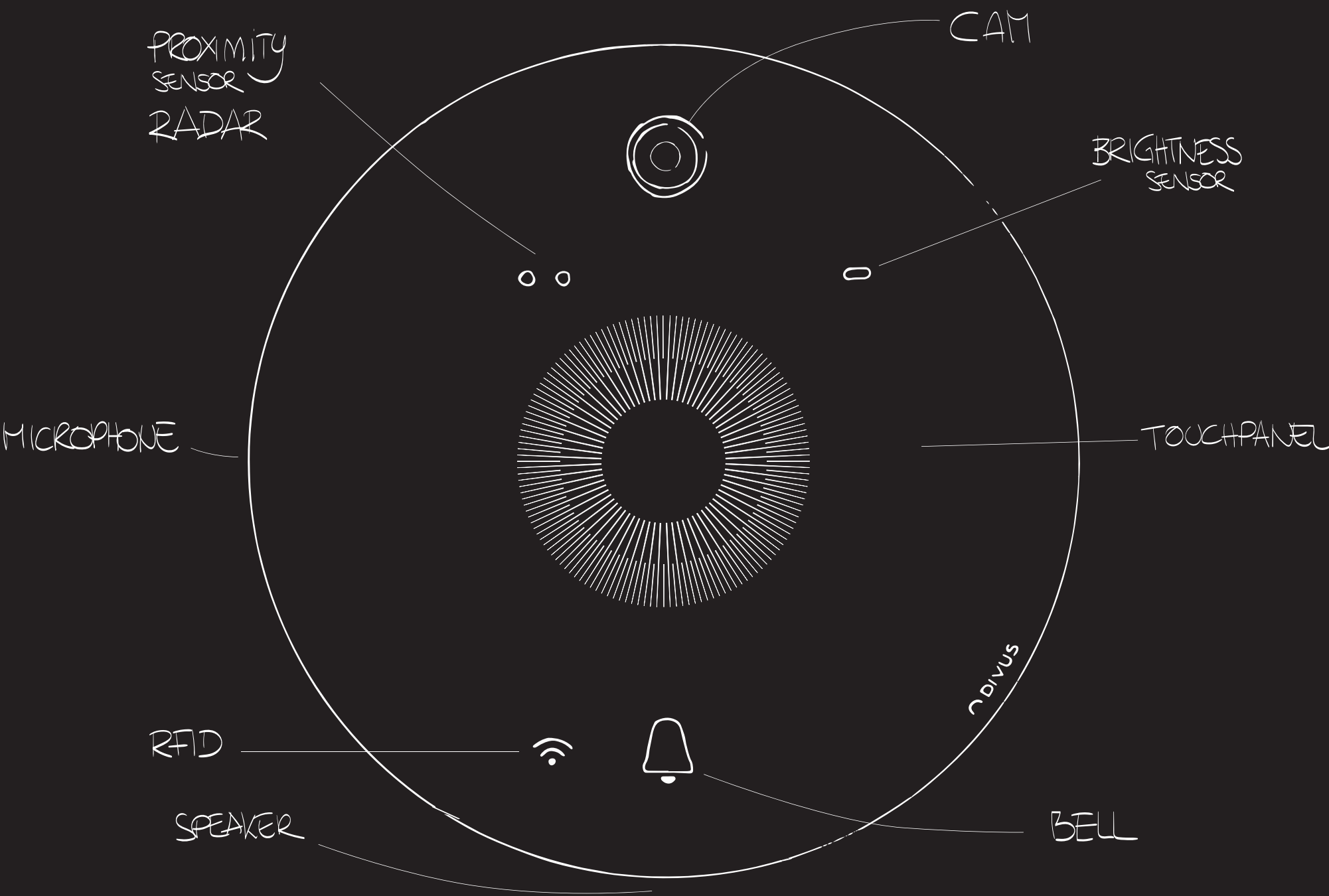
HOMESENSE



IMPRESSUM

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ICONIC. TIMELESS. REDUCED.



DIVUS CIRCLE

More than just a bell. Perfection made visible.

Display 17,8 cm (7") – Diameter 24 cm



DESIGN PLUS
powered by: light+building



reddot award 2018
winner

