ZION
ZION
THE LUXURY TV

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ZION TECHNOLOGY

ZION Technology is the Spanish manufacturer that has introduced large-format modular televisions with MicroLED technology to the residential sector, offering solutions for both indoor and outdoor home environments.

We are manufacturers of high-quality products with exclusive designs, focused on meeting the demands of the most discerning customers. We introduce innovations such as the production of all types of fixed, rotating, lift, and concealment mounts, adaptable to any space.

LARGE FORMAT

MODULAR TVS LED

Our modular televisions, crafted with state-of-the-art MicroLED technology, deliver a superior visual experience with vibrant colors and ultra-crisp details. These are durable and reliable products, manufactured with the finest materials and cutting-edge components.

ZION is the perfect choice for those seeking televisions with dimensions beyond what the market typically offers, featuring superior quality and impeccable design.

The range of large-format modular televisions ensures premium audiovisual experiences tailored to any leisure space.
We are committed to providing an exclusive and exceptional service, offering technical support and quality assurance for every one of our televisions.

ZEN

CUSTOMIZABLE

TAILOR-MADE

Modular technology enables the customization of screens into various formats, adapting them to any space or interior and landscape design project, breaking free from the limitations offered by the market.

At our facilities in Spain, our engineering team has designed a wide range of large-format televisions to complement even the most demanding construction or decorative projects. In this regard, our televisions bring exclusivity to the most selective projects.

VANGUARD

COMPETITIVENESS

By manufacturing all models and their mounts in our own facilities, ZION ensures full control over the technical and industrial process, thereby enhancing competitiveness and achieving a product of the highest quality.

The technological variety developed in the indoor and outdoor ranges meets any viewing requirement, featuring intelligent brightness control, resolution tailored and customized for each space, and an ultra-wide viewing angle complemented by ZION's Real Black technology.

EXPERIENCE

INMERSIVA

ZION televisions deliver an audiovisual experience like never before in homes. Enjoy all the entertainment content you can imagine: movies, video games, sports, music, or anything else you dream of experiencing on a grand scale.
You'll have access to all digital services that interact seamlessly with other devices, such as smartphones, tablets, or streaming services.

Each ZION screen model is crafted as an exclusive product, designed for true lovers of premium technology. ZION Technology has created an unparalleled luxury universe with its range of large-format televisions, where elegance merges with cutting-edge technology. Experience every detail like never before, creating a visual journey that redefines the meaning of watching television.

TELEVISION

MOVIES

VIDEO GAMES

MUSIC

INDOOR SERIES

IMMERSION, CUSTOMIZATION, ELEGANCE

ZION has developed its range of large-format indoor televisions, designed to deliver an immersive audiovisual experience in any space within the home.

ZION's cutting-edge technology meets the demands of every customer, offering various models and sizes ranging from 135" to 205".

The Indoor range also includes customizable options for larger spaces. ZION goes as far as its clients' imagination takes them. Its sleek, straight-line design seamlessly blends with any environment and decor style. The frame, made from high-quality materials, is also customizable, adding an extra touch of elegance to this large-format television. All versions feature intelligent brightness control, millions of colors, and an ultra-wide viewing angle.

FIGHT SPORT

ZION's indoor televisions offer the option to choose between 0.62 and 1.87 pixel pitch, delivering premium quality for closer viewing distances in any indoor space.

Our technical department analyzes each project individually to provide the optimal pixel pitch and resolution for every space, considering viewing distances, dimensions, and the lighting and architectural conditions of the environment.

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PREMIUM INDOOR RANGE

EXCLUSIVE DESIGN WITH HIGHER RESOLUTION

ZION's Premium technology in the Indoor range delivers exceptional resolution thanks to its innovative pixel pitch options of 0.62, 0.78, and 0.93, achieving superior pixel density on screens up to 205". This ensures outstanding image quality, even at close viewing distances, making it ideal for any indoor space.

With a refresh rate of 120Hz, it delivers sharper and clearer images, offering a cinematic experience in the comfort of your home. ZION's HDR technology enhances the television's ability to recover more detail in both dark and bright areas, providing an unparalleled viewing experience.

Additionally, ZION offers complete customization: screen dimensions can be tailored to the specific needs of each project without compromising image quality. This high-end audiovisual technology represents distinction and exclusivity for demanding homes, perfectly adapting to the most sophisticated spaces and styles.

OUTDOOR SERIES

DURABILITY, BRIGHTNESS, ELEGANCE

Entertainment steps outside with ZION's large-format modular outdoor televisions, designed and manufactured to perfection.

Technology, innovation, and design converge to deliver a high-quality product that adapts to any space. The ZION outdoor series is crafted for enjoyment in gardens, terraces, or any other outdoor area. It also offers customizable mount options to seamlessly integrate with the surrounding decor.

ZION's outdoor televisions are built to withstand adverse weather conditions, featuring IP65 protection for durability against the elements. When it comes to image quality, these advanced outdoor TVs ensure a high-definition visual experience.

Ideal for greater viewing distances, these large-format televisions come with a variety of pixel pitch options: 2, 2.5, 3, and 4. Additionally, each model in the ZION outdoor series boasts an impressive brightness of 5500 nits, ensuring clear and distortion-free viewing even under intense natural light.

Its high-quality finishes include frames and mounts crafted from premium materials with special outdoor paint applications. Each piece undergoes a comprehensive process to ensure a durable and resilient coating, providing protection against corrosion.

The lacquering process begins with a pre-treatment to ensure optimal paint adhesion. This involves cleaning and phosphating the metal surface through a high-pressure spray tunnel. Once cleaned, a phosphate coating is applied to enhance adhesion and provide corrosion resistance.

For lacquering, an electrostatically equipped cabin is used. Finally, the piece undergoes polymerization in a hot air convection oven, followed by an anti-corrosion treatment to protect the frame or structure from environmental conditions.

Installation is possible in virtually any type of outdoor area, whether with a floor-mounted stand, a rotating system, or wall placement.

ZION also offers a sophisticated and innovative concealment and elevation system for these Outdoor models.

Our engineering department develops the most advanced and complex mounts to adapt to all types of installations. ZION specializes in the manufacturing of these customized products, ensuring seamless integration with the televisions to create a unified element.

GAMA PREMIUM OUTDOOR

THE MOST EXCLUSIVE OUTDOOR TECHNOLOGY

ZION's commitment to excellence in outdoor televisions is embodied in its Premium Outdoor series. This large-format modular television, with a pixel pitch of 2 or 2.5, is available in two models, 116" and 147", and can be customized to meet the specific needs of any project.

Our premium models offer features such as a 120Hz refresh rate, High Dynamic Range (HDR), and an impressive refresh rate of 7680Hz. Immerse yourself in a world of vibrant colors and stunning contrasts that transport you beyond reality. Elevate your entertainment moments to new heights with the superior image quality and sophisticated design that only ZION can provide.

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ZION MARINE

THE ULTIMATE OUTDOOR TELEVISION FOR YACHTS AND BOATS

The ZION Marine is an outdoor television designed to deliver luxury entertainment on the open sea, combining advanced technology with robust design. With extraordinary brightness of 5500 nits and IP65 certification, this television is built to withstand the harshest maritime conditions, including prolonged exposure to sunlight, humidity, and salinity.

Thanks to its innovative ambient light sensor, the ZION Marine series automatically adjusts the brightness and contrast of the image based on the surrounding light. This technology ensures flawless, distortion-free viewing at any time of day, from sunrise to sunset, even under intense natural light.

The ZION Marine series offers high-end, innovative, and adaptable television solutions for all types of vessels, ensuring perfect integration and customization. Its structure is specifically designed to endure harsh weather conditions.

Manufactured with stainless steel and custom-designed, the ZION Marine blends elegantly and functionally into any yacht or boat. Its exceptional performance, combined with an almost sculptural design, provides a unique cinematic visual experience that captivates viewers and redefines entertainment at sea.

ELEVATION SYSTEM

OPTIMIZE YOUR SPACE

The television lift system developed by ZION allows the screen to be concealed in the floor and raised through an automatic mechanism controlled remotely.

This innovative and functional solution optimizes space while enhancing the viewing experience of the Outdoor models. The lift mechanism incorporates a system designed to support the weight of the screen, installed beneath the floor. It is built with durable and resilient materials to ensure stability and safety.

The motor powers the platform's lifting motion and is connected to a gear system that guarantees smooth and precise operation.

The mechanism designed by ZION consists of a motorized compartment that conceals the screen within. Its compact-axis motor prevents mechanical movement of the television, protecting it from wind. The centralized motor system ensures the screen remains perfectly horizontal.

It features an angular return mechanism for mechanical force in case of power outages and a double bottom to collect water if necessary.

Additionally, it allows the screen to rotate 180° once fully elevated.

The system includes a remote control for easy and safe operation of the lift system. These controls offer options to raise, lower, and rotate the screen, as well as to stop its movement.

The Elevation System developed by ZION Technology is an innovative, practical, and elegant solution to optimize space and enhance the viewing experience. It provides the organization and functionality essential for an innovative and exclusive system that preserves the aesthetics of the most sophisticated spaces.

This system offers various configurations, allowing screens to be fully recessed, semi-recessed, or concealed.

Recessed System.

Remote control that allows easy and safe operation of the lift system.

ONE & SOLO 4K HDR

65" Y 86"

For the most discerning clients in decoration and design, ZION has developed the elegant **ONE TV** model, a 4K HDR outdoor television featuring an innovative lift system that operates with just the press of a button.

Its attractive design makes it perfect for the most distinguished outdoor settings, seamlessly adapting to any decorative style. The ONE TV does not require anchoring to a fixed point, allowing it to be moved and enjoyed wherever desired.

Its innovative technology elevates the screen for viewing, while freeing up the 'hidden' sound system to deliver an exceptional audiovisual experience. This model, with its integrated lift system, retracts the screen when not in use, blending effortlessly into its surroundings with its sleek and simple design.

No installation is required, and as it is designed for outdoor use, it features protection against dust, liquids, and high temperatures (IP65).

This model stands out for its **2000 nits brightness** (equivalent to more than 2000 cd/m²), ensuring impressive brilliance and sharp images even in direct sunlight. This exceptional luminosity, combined with HDR technology, delivers vibrant and detailed visual quality, perfect for well-lit indoor or outdoor spaces, where every detail remains clear and true to its color.

The **ONE TV** is available in two sizes, **65" and 86"**, both featuring 4K resolution and HDR technology. This ensures outstanding definition, tailored to various space requirements and viewing preferences, delivering superior performance in every scene.

ZION also offers a version of this model without the lift and hidden sound system. It features the same screen, formats, and quality but includes a wall-mount system. This version is available under the name **SOLO TV 4K HDR**.

Additionally, ZION integrates **Google TV** or **Apple TV** software, allowing users to choose their preferred platform to enjoy this range to its fullest.

MICROLED

TECHNOLOGICAL EXCELLENCE

The innovative MicroLED technology of ZION's large-format televisions elevates their models to truly exclusive products, surpassing conventional LED displays. Its application enables higher resolution for thinner and lighter screens.

MicroLED technology is composed of tiny, individual light-emitting diodes that are significantly smaller than traditional LEDs. These diodes are arranged in a pixel matrix, forming the display. Each pixel in a MicroLED screen consists of three subpixels—red, green, and blue (RGB)—that emit light independently. This results in exceptional color accuracy and a significant enhancement in image quality.

MicroLED technology employs inorganic electroluminescence to generate light. Each diode emits light when an electric current is applied, eliminating the need for an additional color filter layer as required by other types of screens. By incorporating this technology, ZION televisions deliver higher contrast and deeper black levels, redefining image quality and viewing experience.

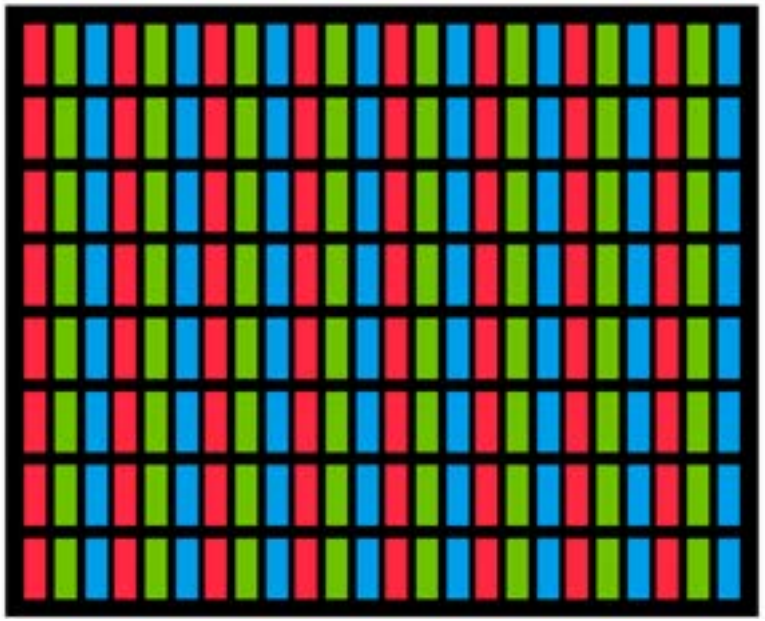
CONVENTIONAL LED
MICROLED ZION

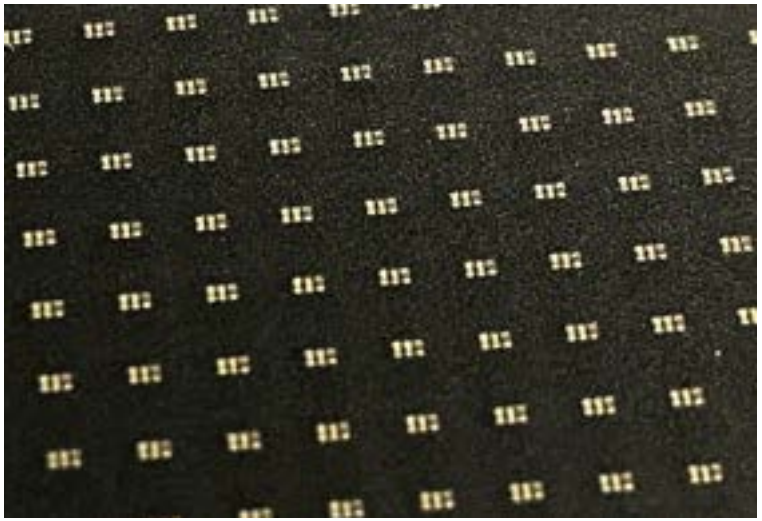
In addition, the pixels on a MicroLED screen are self-emissive, meaning they do not require a backlight source as in other technologies. This makes ZION modular televisions with MicroLED thinner and lighter.

Innovative technologies that enhance the customer experience. ZION Technology constantly works to create the most cutting-edge products. Thus, its Indoor models feature state-of-the-art COB technology.

The main difference in manufacturing lies in the encapsulation of the chips, which are placed on a special PCB board where 3 RGB LEDs are integrated and coated with epoxy resin.

This process not only improves the viewing angle, color uniformity, and provides high contrast levels, but also offers additional benefits: greater chip stability, which translates into increased durability and resistance, higher brightness levels, the ability to achieve smaller pitches (0.93 / 0.78 / 0.62), and the possibility of producing thinner and therefore lighter screens. Furthermore, it allows for individual pixel repair if necessary.





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REAL BLACK

INTENSE CONTRAST

The Real Black MicroLED technology featured in ZION televisions utilizes innovative advancements that enhance image quality and performance compared to other display technologies. One of the key advantages of ZION's large-format modular televisions is their ability to achieve deep black levels, enhancing contrast and bringing out the darkest details in images.

Real Black technology also incorporates premium materials that improve color reproduction quality and reduce light dispersion. Additionally, it increases contrast and enhances details in dark areas, allowing shadow details to stand out and creating a more vivid and realistic image. With the implementation of this technology, ZION significantly elevates image quality by delivering deep and true black levels, resulting in an exceptional visual experience.

CONVENTIONAL BLACK
REAL BLACK ZION

TECHNICAL SUPPORT

INSTALLATION AND ASSEMBLY

Our diverse software solutions, customized for each client just like their screen, complete a process designed from the outset to meet the most demanding projects.

Our team of professionals will handle the installation in any space and location, ensuring the product functions perfectly after installation and providing technical support and specialized advice for complete customer satisfaction.

A turnkey process, from the conception of the idea to the final installation, upholding ZION's commitment to delivering a luxury product for exclusive clients and environments.

TECHNICAL SPECIFICATIONS

To access the detailed technical specifications of each ZION product, please scan the provided QR code.

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