

DynaScan



PREMIUM VISUAL SOLUTIONS



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Supplied in the UK by:



PIXELUTION

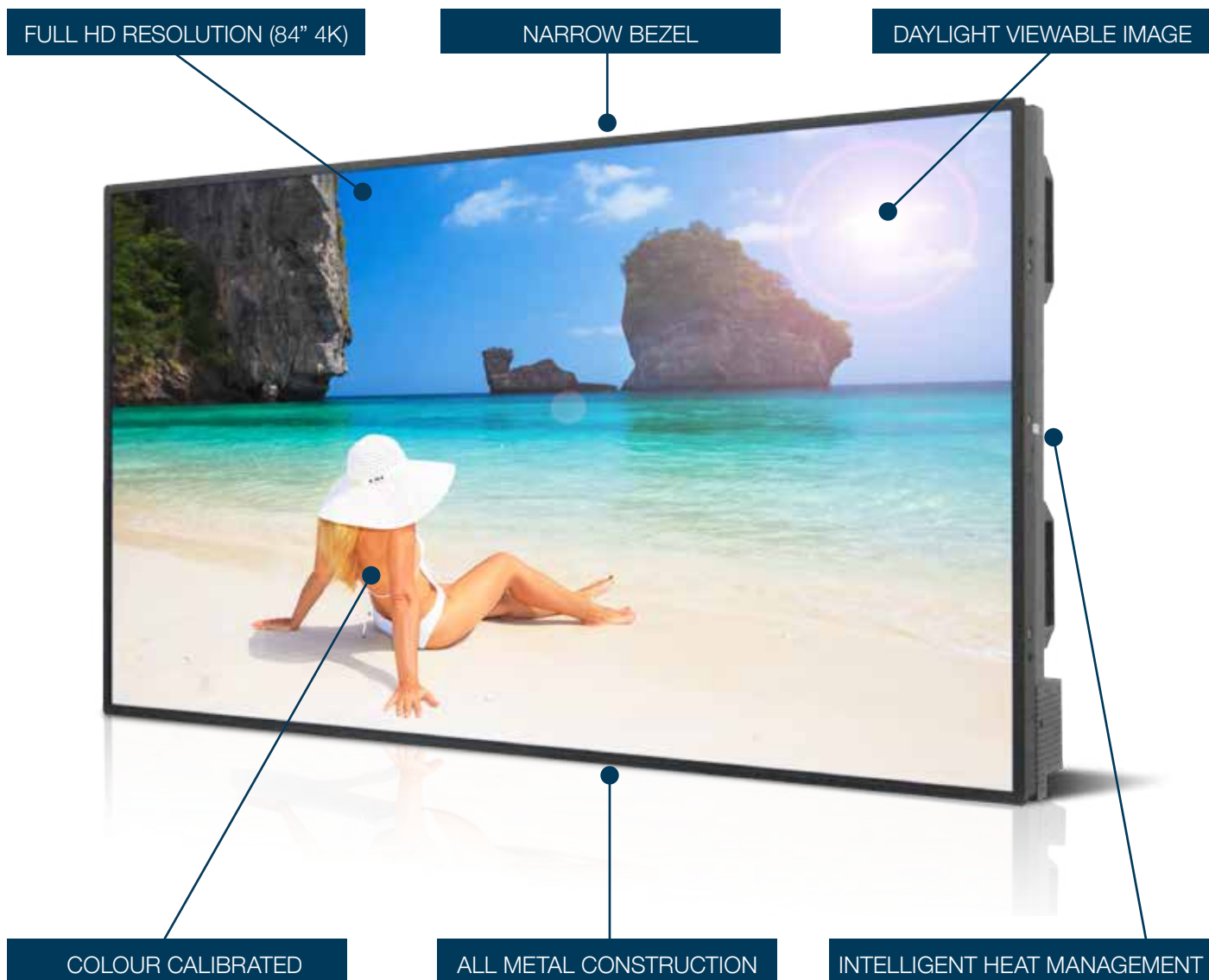


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Screen image simulated.

PREMIUM ULTRA-HIGH BRIGHTNESS LCDS

DynaScan Technology is the number one manufacturer of high brightness displays. Founded in 1998, DynaScan is an award-winning industry leader in creating cutting-edge display solutions. With thousands of installations around the world, DynaScan displays are the proven solution for high ambient light applications. With brightness ratings as high as 7,000 nits, DynaScan high brightness LCDs shine bright in direct sunlight—making them the ideal solution for outdoor enclosures, semi-outdoor and in-window applications. DynaScan offers the widest variety of sizes—15 models ranging from 32”-84”, in brightness levels from 2,500-7,000 nits, and are available in stand-alone and video wall configurations.

SERIES HIGHLIGHTS

- World's brightest LCD screens
- Calibrated for superior colour quality
- Intelligent heat dissipation
- Blackening defect-free LCD panel up to 110°C
- Full HD & 4K resolutions
- Automatic brightness control
- Available narrow bezel for video wall applications
- Sizes available ranging from 32”-84”

Ultra-High Brightness LED Backlight

DynaScan has applied its LED expertise to create a collection of ultra-high brightness LCDs with maximum brightness ratings up to 7,000 nits, which can easily be viewed in direct sunlight, such as storefront windows or outdoor enclosures.



Localized Dimming

The display features a localized dimming LED back light technique for a remarkably high contrast picture. With direct local dimming, darker areas of an image receive less backlighting than lighter areas.



Superior Colour Quality

DynaScan high brightness professional LCDs come factory calibrated to D65 6500K CIE colour standard. This colour setting produces a natural looking image which has a correlated color temperature to that of daylight.



Intelligent Heat Dissipation

Heat generated by the display is radiated away from high temperature areas while a sensor continuously monitors the internal temperature to protect the system from overheating. This is accomplished with ultra-quiet fans, or some models utilize a fanless thermal management system.



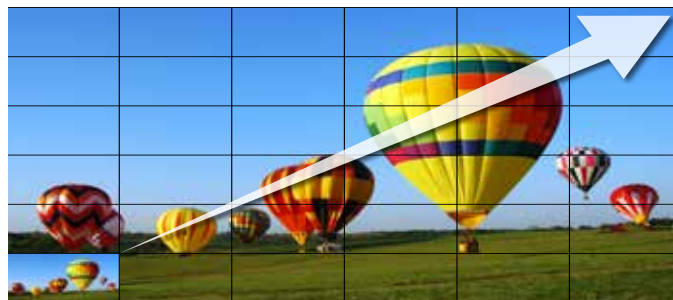
24/7 Operation

All DynaScan high brightness screens are designed for worry-free round-the-clock operation.



Built-in Video Wall Support

With built-in video daisy chaining, a single video source can be used on video walls up to 15x15 in size without the need for any additional video wall controller.



Full HD & 4K

With Full HD and 4K resolutions, DynaScan Professional LCDs provide a super sharp image for easy-to-read text and incredible detail.



Blackening Defect-Free

DynaScan offers most high brightness screens with high temperature LCD panels which can withstand temperatures up to 110°C (230°F) without blackening. This is especially crucial for direct sunlight applications.



Automatic Brightness Control

Different external lighting conditions require different brightness levels. An onboard light sensor measures the ambient light in the area and automatically adjusts the image accordingly.



Low Power Consumption

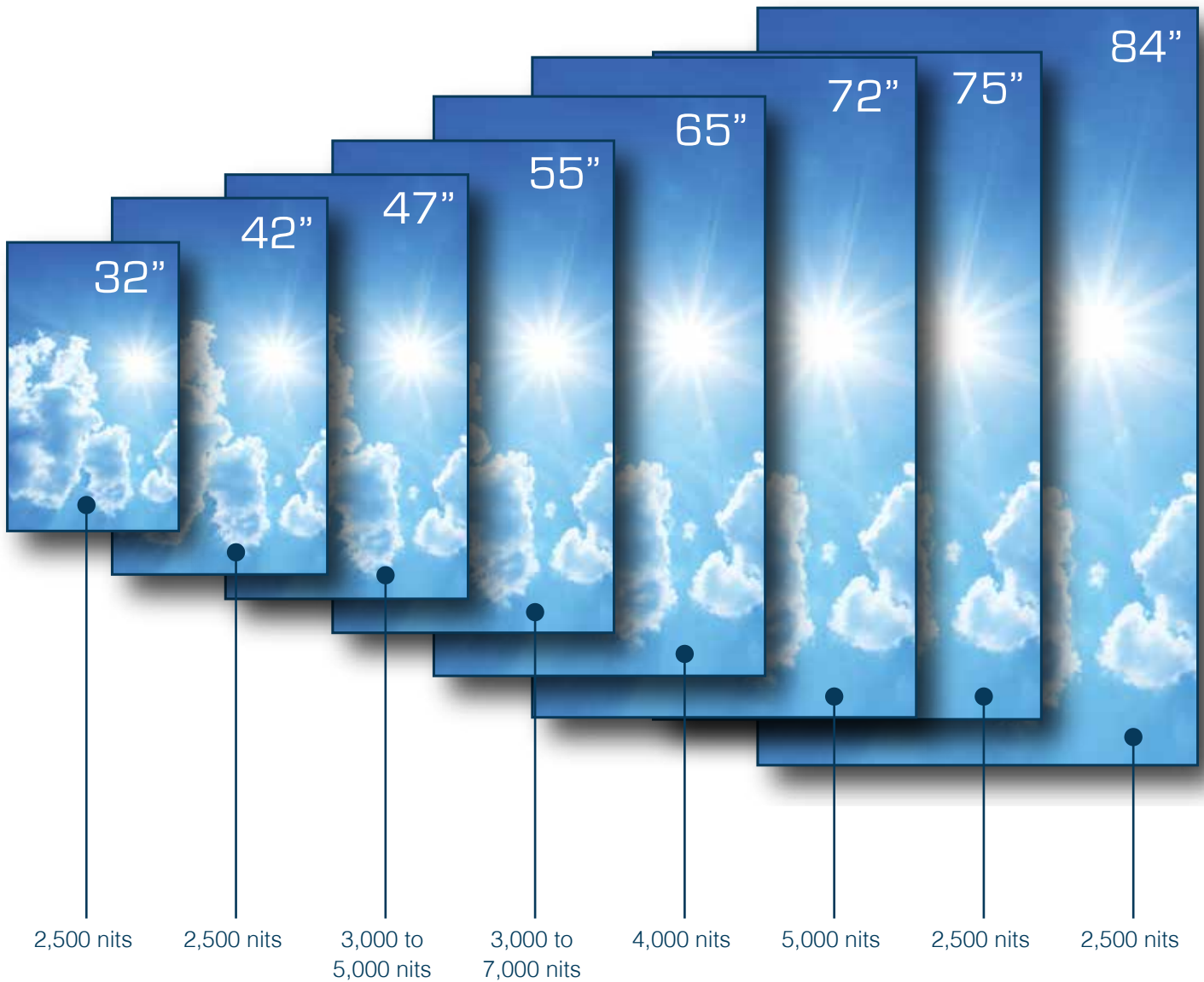
DynaScan is the industry leader in producing the most power efficient professional LCDs.



*Not applicable to all models. See product specifications for details.

A Wide Variety of Sizes and Styles

One size does not fit all applications. DynaScan is the only manufacturer in the industry to offer a full range of high brightness LCDs ranging from 32" to 84" in standard and narrow bezel styles.



DS SERIES SPECIALTY SIZES

Bar Type LCDs

The DS371BT4 is a 37.5 inch high brightness stretched professional LCD. With a stretched 32:9 aspect ratio, the DS371BT4 is designed for special applications where height is limited. A brightness rating of 3,000 nits produces a daylight viewable image for high ambient light installations. This custom model is available in complete or open frame configurations for integrated applications.

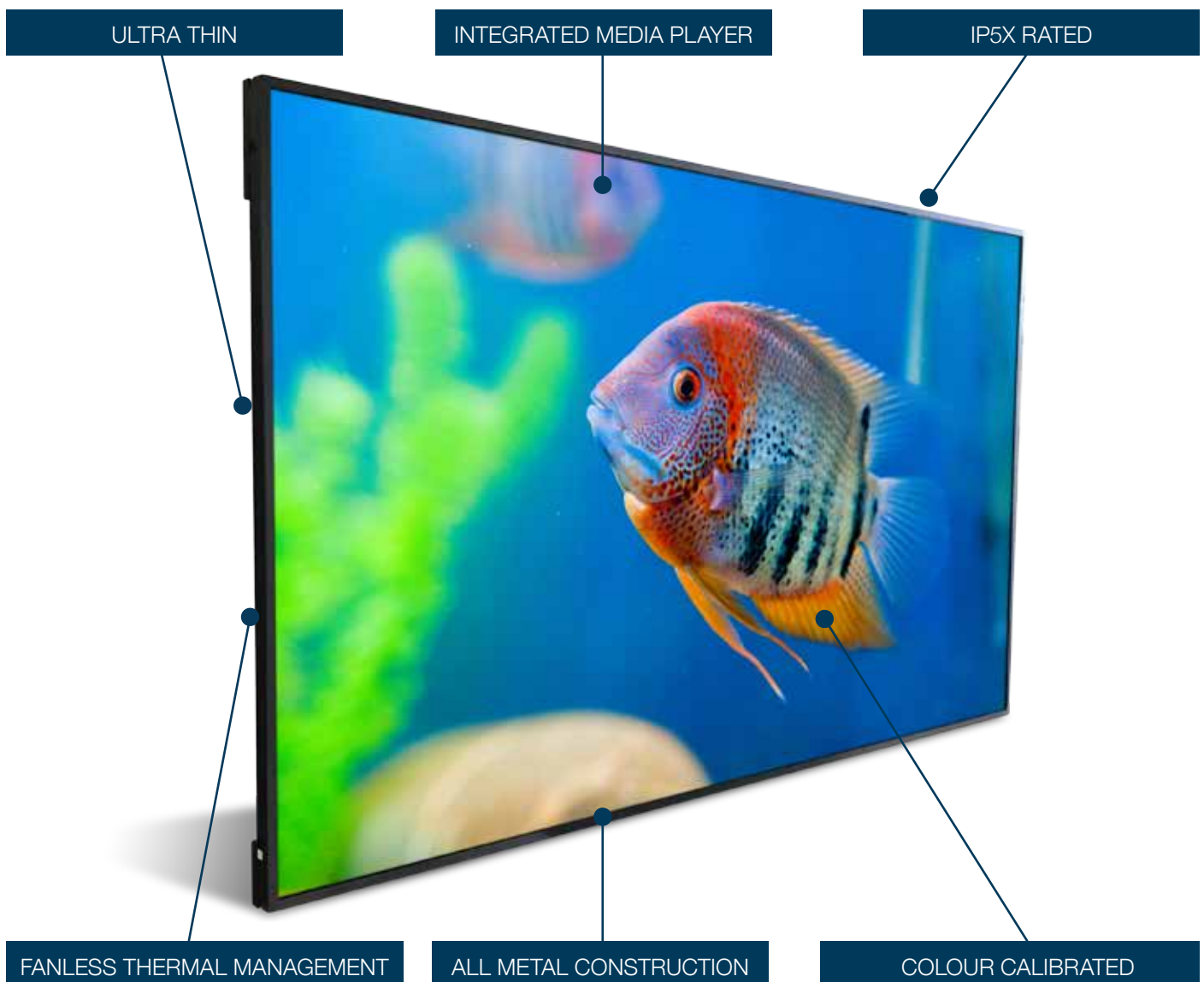


Double-sided LCDs

DynaScan introduces a revolutionary leap for in-window display technology. The DS551DR4 is a dual-sided professional ultra-high brightness LCD. This all-in-one solution features back-to-back display surfaces in a single, ultra-slim 62.7 mm form factor. With a sunlight viewable 3,000 nit side and a 1,000 nit brightness side on the reverse, the DS551DR4 is an ideal fit for in-window applications. Every display is factory color calibrated for remarkable color reproduction, high contrast and superb picture quality. An included 1 meter base stand provides a custom tailored contemporary mounting solution. The DS551DR4 includes two integrated Android™-based media players for simultaneous playback of independent or duplicate video content and dual HDMI inputs.



DI SERIES | PREMIUM INDOOR LCDS



Screen image simulated.

The DI Series are premium professional LCDs for indoor applications. The displays feature a FHD IPS LCD with a high brightness LED backlight producing an image up to 1,000 nits. The DI Series is IP5X rated for protection from dust and debris and features a fanless thermal management system for virtually silent operation. With the industry's thinnest form factors—as thin as 29 mm—the displays are ideal for premium high-end applications such as retail and banking environments.

Each screen is individually colour calibrated to ensure excellent color quality and uniformity. The DI Series features integrated Android™ based media player with WiFi offering users a complete media platform, allowing playback of local files and USB/SD card media.

SERIES HIGHLIGHTS

- Ultra thin: as small as 29 mm
- Calibrated for superior colour quality
- Fanless heat dissipation
- Blackening defect-free LCD panel up to 110°C
- Full HD
- Automatic brightness control
- Sizes available ranging from 55"-65"
- 24/7 operation

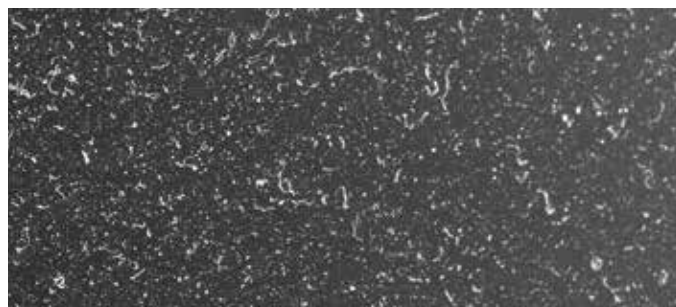
Ultra-Thin Profile

With the industry's thinnest form factors—as thin as 29 mm—the displays are ideal for premium high-end applications such as retail and banking environments.



IP5X Rated

The DI Series is IP5X rated for protection from dust and debris. This feature maximizes the life of the display in any environment, especially in restaurant and retail environments.



Superior Colour Quality

Every display is factory calibrated to the D65 6500 K CIE colour standard. This colour setting produces a natural looking image which has a correlated colour temperature to that of daylight.



Fanless Heat Dissipation

Heat generated by the display is radiated away from high temperature areas while a sensor continuously monitors the internal temperature to protect the system from overheating. All of this is accomplished utilizing a fanless thermal management system.



24/7 Operation

All DynaScan professional LCDs are designed for worry-free round-the-clock operation.



DO SERIES | OUTDOOR HIGH BRIGHTNESS LCDS



Screen image simulated.

The DO Series are premium professional LCDs for outdoor applications. The displays feature FHD LCDs with a high brightness LED backlight producing an image up to 5,000 nits. The DO Series is IP56 rated for protection from water and dust, and features a vandal resistant tempered glass surface. An anti-IR, anti-UV and anti-glare coating provides additional protection from the elements and ensures a bright, daylight viewable image. The DO series may be used in standalone applications or integrated into free standing kiosks and other decorative elements.

Each screen is individually calibrated to ensure excellent colour quality and uniformity. The DO Series features integrated Android™ based media player with WiFi offering users a complete media platform, allowing playback of local files and USB/SD card media.

SERIES HIGHLIGHTS

- IP56 weather resistant
- Vandal resistant tempered glass surface
- Anti-UV/IR/glare coating
- Calibrated for superior colour quality
- Intelligent thermal management
- Blackening defect-free LCD panel up to 110°C
- Full HD
- Automatic brightness control
- Sizes available: 55" & 75"

Ultra-High Brightness LED Backlight

With brightness ratings up to 5,000 nits, DynaScan outdoor LCDs can easily be viewed in direct sunlight applications, such as building exteriors, drive-thru menu boards, and outdoor kiosks.



IP56 Weather Resistant

DynaScan outdoor LCDs are built to tolerate the elements and are designed to resist water from entering the display and protects against the ingress of dust.



Superior Colour Quality

DynaScan high brightness professional LCDs come factory calibrated to D65 6500K CIE colour standard. This colour setting produces a natural looking image which has a correlated colour temperature to that of daylight.



Intelligent Heat Dissipation

Heat generated by the display is radiated away from high temperature areas while a sensor continuously monitors the internal temperature to protect the system from overheating.



24/7 Operation

All DynaScan high brightness screens are designed for worry-free round-the-clock operation.



 **sunglass hut**



INDOOR APPLICATIONS

KEY FEATURES

- Bright, daylight viewable image
- Blackening defect-free*
- Ultra-quiet cooling
- Heat and dust resistant design
- Low power consumption
- Full HD 1080p & 4K resolutions

Storefront Window Displays

DynaScan high brightness professional LCDs are a perfect solution for indoor environments that receive a high amount of ambient light such as storefront windows. To prevent blackening defect, DynaScan offers IPS LCD panels which can withstand temperatures up to 110°C (230°F). A fanless thermal management system provides silent, trouble-free operation.

Suggested Uses

- Retail stores
- Convenience stores
- Banks
- Travel agencies
- Real Estate Offices
- Post Offices

High Ambient Light Environments

DynaScan high brightness LCDs are an excellent solution for areas with bright indoor environments with high ambient light such as beneath skylights or areas with bright interior lighting. Multiple narrow bezel screens may easily be combined in a tiled video wall matrix up to 15x15 in size.

Suggested Uses

- Airports
- Train stations
- Command and control centers
- Corporate environments / meeting areas
- Convention centers
- Sports venues and arenas

*Not available on all models. See product specifications for details.





OUTDOOR APPLICATIONS

KEY FEATURES

- Ultra bright up to 7,000 nits
- Blackening defect-free
- Viewable in direct sunlight
- Heat and dust resistant design
- Low power consumption
- Automatic brightness control

Enclosures & Kiosks

Save money and make your kiosks more efficient with DynaScan high bright LCDs. With narrow bezel models available, DynaScan high bright LCDs can easily be integrated into custom outdoor enclosure designs. Brightness ratings as high as 7,000 nits produce an easy to see daylight viewable image with low power consumption. With a fanless cooling design, enclosure builders can control the air flow within the structure for maximum efficiency. Extension kits are available for both the infrared and ambient light sensors for easy relocation.

Suggested Uses

- Advertising
- Smart cities
- Directories
- Bus shelters
- Vending machines / ticket kiosks
- Wayfinding

Building Exteriors

In an area typically reserved for posters and print material, DynaScan ultra-high brightness LCDs offer property owners a new medium for engaging signage that is clearly visible both day and night on building exteriors. With FHD and 4K resolution, DynaScan high brightness LCDs offer better picture quality than LED displays and may be integrated with touch overlays and other interactive elements.

Suggested Uses

- QSR menu boards
- Movie theaters
- Special events and promotions
- Big box retailers





SPECIAL INTEGRATION

KEY FEATURES

- High bright models ranging from 2,500-7,000 nits
- Superior image and color quality
- Available in super narrow bezel 3.5 mm
- May be integrated with third party interactive systems
- Low power consumption

Video Wall Displays

With built-in video daisy chaining, a single 1080p source can be used on a video wall matrix up to 15x15 in size without the need for any additional external video wall controller. By combining a narrow bezel display as small as 3.5 mm with the benefits of a high brightness LED backlight, DynaScan high brightness narrow bezel LCDs are a perfect solution for indoor environments that receive a high amount of external daylight.

3D Displays

3D displays often produce an image dimmer than their 2D counterparts. With brightness levels ranging from 2,500-7,000 nits, DynaScan high brightness displays can be used to normalize light levels which have been diminished due to polarization, which reduces the light the viewer sees.

Holographic Displays

By utilizing a technique called "Pepper's Ghost," an illusionary hologram can be created by reflecting an illuminated image on angled glass panes. DynaScan high bright professional LCDs are able to provide the high resolution and brightness required to successfully achieve this effect.

Behind Glass, Mirror, and Film

Placing an LCD behind glass, shields or transparent films will affect the resulting brightness of an image. DynaScan high bright professional LCDs are an ideal solution to overcome these obstacles and produce an easy to see image.



LED DISPLAY SOLUTIONS

A LEADER IN UNIQUE LED DISPLAY SOLUTIONS

Since 1998, DynaScan has been a leader in manufacturing unique LED display devices. Our LED display products have received numerous awards and recognition for their innovation. They have been installed around the world for use in advertising, public information, events and entertainment. Our products offer high levels of brightness, resolution and contrast needed for high-impact dynamic digital signage.

DynaScan manufactures a variety of LED display products including the award-winning line of 360-degree LED video displays, flexible LED modules, and standard flat panel LED modules in a variety of custom shapes, sizes and resolutions.

DynaScan offers a complete and total solution. From display modules, to content management, to custom mounting points and mounting brackets, DynaScan delivers innovative LED solutions needed to meet the demands of today's digital signage market.

SERIES HIGHLIGHTS

- Pixel pitch as small as 2 mm
- Indoor and outdoor applications
- High-brightness daylight viewable image
- Custom sizes available
- Flexible LED modules
- 360-degree LED video displays
- Flat panel LED modules
- Complete, total solutions
- Content management solution



360° LED VIDEO DISPLAYS

DynaScan 360° LED video displays are cylindrical, allowing viewing from all angles, helping to ensure your message is clearly seen by your target audience. Using patented spinning LED technology, DynaScan 360° LED video displays produce bright, crisp, high contrast video in a completely unique, elegant, eye-catching form with a pixel pitch of merely 2 mm. DynaScan displays offer an attractive, ultra bright, high contrast, high resolution alternative to conventional two-dimensional displays.



FLEXIBLE LEDS

Put structural columns and supports to use with custom-fitted flexible LED display modules. These displays offer a unique visual solution that may be applied to virtually any diameter column.

Flexible LED displays are available in 4 mm, 7 mm, and 10 mm pixel pitches, and may be custom sized for individual applications.



FULL COLOUR FLAT LED MODULES

DynaScan manufactures full color standard flat panel LED display modules that are available in a variety of shapes and styles for both indoor and outdoor applications, delivering high resolution, high brightness performance and remarkable picture quality.

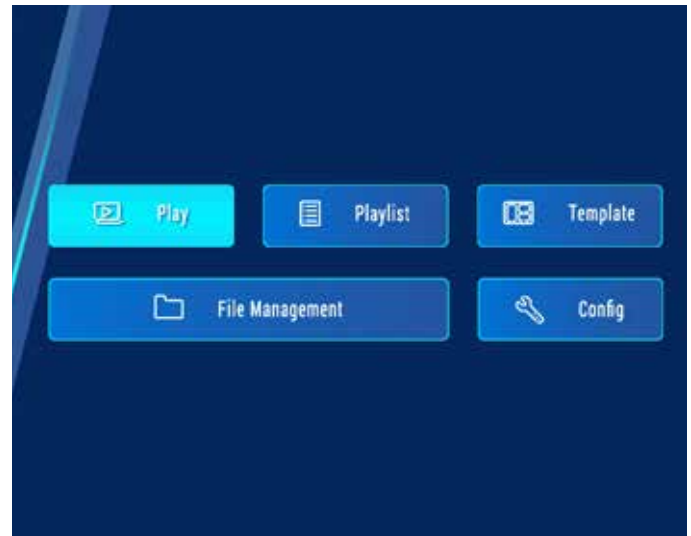
DynaScan offers a complete display solution including LED modules, mounting brackets, and content management to deliver a total solution.



SOFTWARE

DSM365

DSM365 is a complete content management solution for DynaScan professional LCDs. Built for Android™, DSM 365 allows for local and external video playback, playlist creation, and includes prebuilt templates to display multiple images simultaneously.

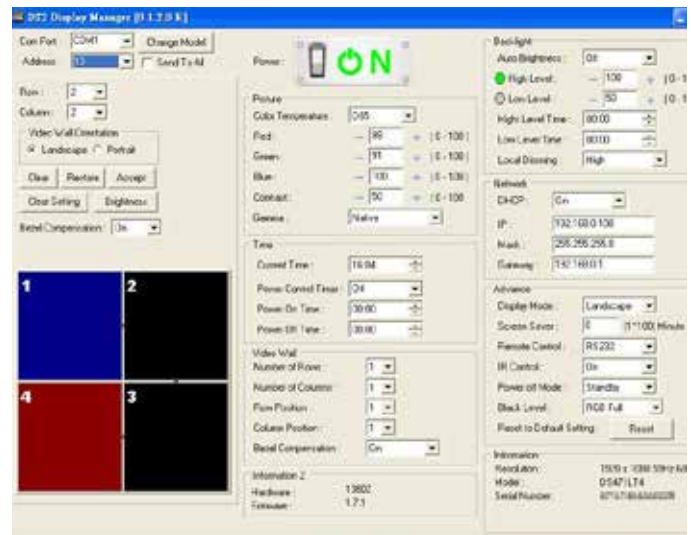


DS2 DISPLAY MANAGER

DynaScan DS2 Display Manager offers complete control over DynaScan's range of professional LCD products, providing a graphic user interface of all the display's functions such as brightness and colour control.

DS2 Display manager may also be used to quickly configure a video wall by easily assigning each display in the matrix a column and row value.

DynaScan also offers serial protocol commands in order to communicate with 3rd party hardware platforms.



AP4

Designed as a complete content management solution for DynaScan 360° LED Video Displays, DynaScan's AP4 software makes playing files, playlists and schedules a snap. Aside from controlling and monitoring all of the display's hardware functions, AP4 is a set of front-desk play control software for advertisement publishing providing media playback functions such as playing video and images. A variety of functions are built into the software such as an ability display ticker feeds, playback multiple videos simultaneously with customized layouts, and generate billing reports to keep track of every file played.



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INSTALLATION GALLERY





ABOUT DYNASCAN

Founded in 1998, DynaScan Technology, Inc. has been providing digital signage solutions around the world. With a strong engineering background and extensive experience in the audio / video industry, we have been helping our clients worldwide in retail, transportation, gaming, entertainment, rental, staging, and public venues to enhance advertising, branding, entertainment, and communication. DynaScan manufactures a full range of ultra high brightness and narrow bezel professional LCDs as well as the award-winning line of DynaScan 360° cylindrical LED video displays.

DynaScan's main shareholder is Chroma ATE, a global leader in electronic test and measurement instruments, automated test systems, power electronics and special materials. Headquartered in Taiwan, Chroma was founded in 1984 and is traded on the Taipei Stock Exchange under the symbol 2360.

Our displays, which have received numerous awards and recognition for their innovation, have been installed in locations around the world for use in advertising, public information, events, and entertainment.

With offices in Europe, North America, and Asia, DynaScan is equipped for international rollouts and support. DynaScan works closely with system integrators around the world to deliver premium LCD and LED display solutions.

ABOUT HighBrightness.com

HighBrightness.com is a website dedicated to DynaScan LCD monitors. The site is owned and run by Pixelution Ltd. Pixelution is a digital signage reseller in the UK that works closely with DynaScan to promote and install their products.

Established in 1990, Pixelution are a reseller of bespoke Digital Signage. Our portfolio of products covers a wide variety of display solutions for all applications, indoor and outdoor, single or multi-screen, in all sizes and formats. We offer a full range of services from consultancy and sales through to installation and support.

For more information please contact:



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