NSELED COLLECTION

LED display solutions for business and retail

SIMPLE · INNOVATIVE · CUSTOMIZABLE

Innovate your business with NSELED LED screens. Capture attention, engage customers, and boost sales through powerful and effective visual communication

NSE LED
EUROPE
Ready to disPLAY

Certifica-tions.

At NSELED quality plays a central role. For this reason we have set **strict quality standards** which are **monitored throughout the entire supply chain**. From the design of each LED screen to the production and assembly of each item, to sales, shipping procedures, after-sale assistance. We like to guarantee high performance and high efficiency to all our customers.

Furthermore, **NSELED LED displays have passed the tests of the most important certifications on the international scene:**

FC RoHS C E

Mission.

Providing our customers with innovative, high-performance, easy-to-use and cost-effective Digital Signage and LED display solutions.

About

NSELED Europe is the branch of NSELED in Europe and was born from the friendship between Simon Lan, the founder of NSELED China, and Daniele Rocca, an entrepreneur in the digital printing sector always on the hunt for novelties.

The two meet at a fair in Amsterdam. Daniele, intrigued, decides to invest in these LED displays for his business. In a short time, the demand for digital signage and Totems was such that Daniele proposed to Simon to create a **branch entirely dedicated to the European market**, a mature market, accustomed to certain times and efficient services.

To offer a **superior quality customer experience**, NSELED Europe sets up the **Milan** headquarters, with a **large warehouse** that guarantees **rapid and safe deliveries at low costs**, and a **showroom**, the NSELED European Sample Center, where the customer is welcomed by the team and comes into contact with the products to directly evaluate their quality before purchasing.

Thanks to the constant relationship with the Parent Company, NSELED Europe offers maximum technical expertise just a few kilometers away!

SUMMARY

NSE LED EUROPE
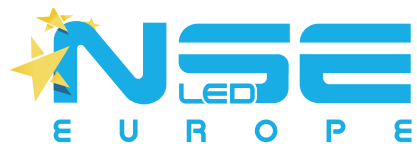
Ready to disPLAY

Collection

LED display solutions for business and retail
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01. Indoor Totem
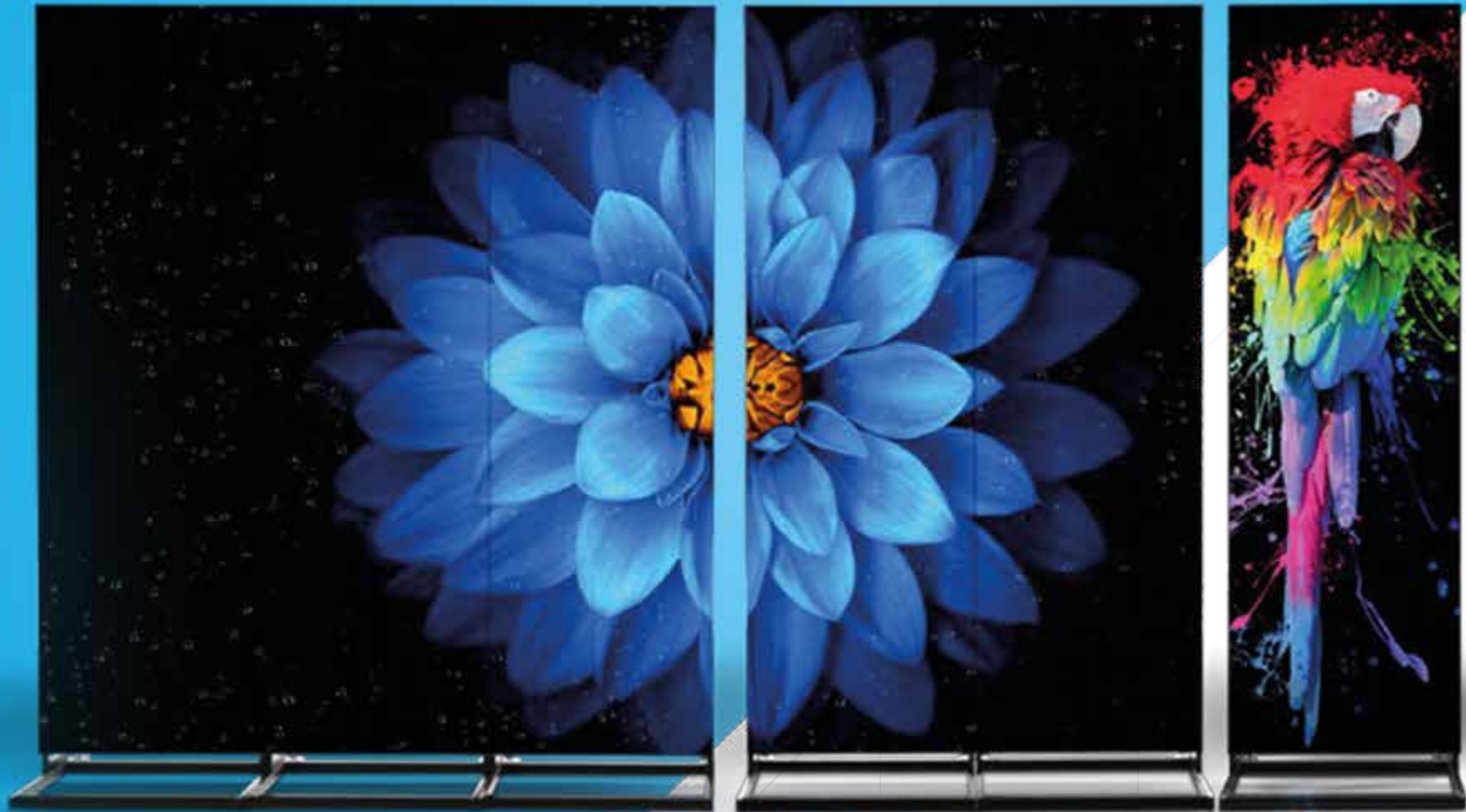
The NSELED indoor totem is a modular and versatile LED display, specifically designed for advertising communication within indoor spaces.

Equipped with WIFI, USB, HDMI, and wired network connectivity options, this innovative display offers users the flexibility to manage content uploads from either a computer or a smartphone. Moreover, the LED totem display can be seamlessly integrated with other units, creating an impressive, unified platform for showcasing videos, images, and text on a grand scale.

Our Totems are designed to be user-friendly: no complicated setting to fix, no new devices to buy to have a thorough experience, no particular skills needed to be capable of using them.

You just have to plug them in and they are good to go!

MULTIPLE INSTALLATION METHOD
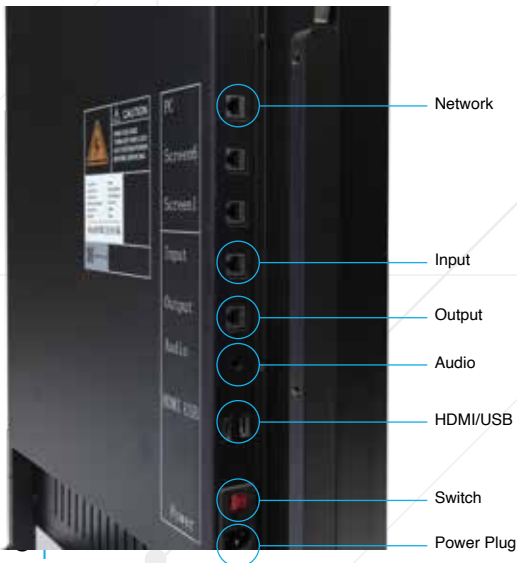

FREE STANDING

WALL MOUNTING

HANGING

CREATIVE STITCHING

Smart Control

◦ Synchronous & Asynchronous
  Dual-mode Media Player
◦ Real-time Zoom In And Out
◦ 8 GB memory
◦ Supports USB expansion
◦ With HDMI interface and Audio Port

This picture depicts a detail
of the Indoor Totem

- Network
- Input
- Output
- Audio
- HDMI/USB
- Switch
- Power Plug

Indoor Totem Specifications

Model Type	TTI206419	TTI207619	TTI256419	TTI305719
Application	Indoor/ Semi-Outdoor	Indoor/ Semi-Outdoor	Indoor/ Semi-Outdoor	Indoor/ Semi-Outdoor
Pixel pitch	2mm	2mm	2.5mm	3 mm
Density	250.000 dots/sqm	250.000 dots/sqm	160.000 dots/sqm	105.688 dots/sqm
LED Type	SMD1515 Mat Black	SMD1515 Mat Black	SMD 2121 Mat Black	SMD 2121 Mat Black
Pixel type(R / G / B)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)
Internal memory	16GB	16GB	16GB	16GB
Module size	320 x 160mm	256 x 128mm	320 x 160mm	192 x 192mm
Module Resolution	160x80 pixel	128x64 pixel	128x64pixel	64x64 pixel
Screen Size (HxW)	640x1920mm	768x1920mm	640x1920mm	576x1920mm
Screen Resolution	320x960 pixel	384x960 pixel	256 x 768 pixel	192 x 640 pixel
Frame Size	1930mm(H)x684mm(W) x45mm(T)	1930mm(H)x776mm(W) x45mm(T)	1930mm(H)x648mm(W) x45mm(T)	1930mm(H)x584mm(W)x45mm(T)
Case Material	Aluminum	Aluminum	Aluminum	Aluminum
Weight	38kg/ unit	46kg/ unit	38kg/ unit	35kg/ unit
Drive mode	1/32 Scan	1/32 Scan	1/32 Scan	1/16 Scan
Viewing Distance	≥ 2 M	≥ 2 M	≥ 2.5 M	≥ 3 M
Brightness	≥ 1000 cd/sqm	≥ 1000 cd/sqm	≥ 1000 cd/sqm	≥ 1000 cd/sqm
Viewing Angle	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)
Refresh rate	3840HZ.	3840HZ.	3840HZ.	3840HZ.
Input voltage	AC90-240V	AC90-240V	AC90-240V	AC90-240V
Maximum Power Consumption	750W per unit	1170W per unit	750W per unit	600W per unit
Average Power Consumption	220W per unit	350W per unit	220W per unit	280W per unit
Control method:	Asynchronous (WIFI/USB/LAN/HDMI)	Asynchronous (WIFI/USB/LAN/HDMI)	Asynchronous (WIFI/USB/LAN/HDMI)	Asynchronous (WIFI/USB/LAN/HDMI)
Temperature Operating (°C)	-10°~+40°	-10°~+40°	-10°~+40°	-10°~+40°
Working Humidity	10%–95%RH	10%–95%RH	10%–95%RH	10%–95%RH
IP Rating	IP43	IP43	IP43	IP43
Certificate	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC

showcase.

02. Outdoor Totem

Waterproof

The Outdoor Totem is an LED screen suitable for outdoor use. As the outdoor version of the best-selling NSELED Indoor Totem, it shares with the latter the ability to be connected to other units to create a single large screen.

It is composed of an aluminum cabinet that provides exceptional lightness and maneuverability, allowing it to be easily moved wherever needed.
Durable and waterproof, this LED display is versatile and can be used in various applications, regardless of environmental conditions.

Stable Performance

Wide operating temperature range
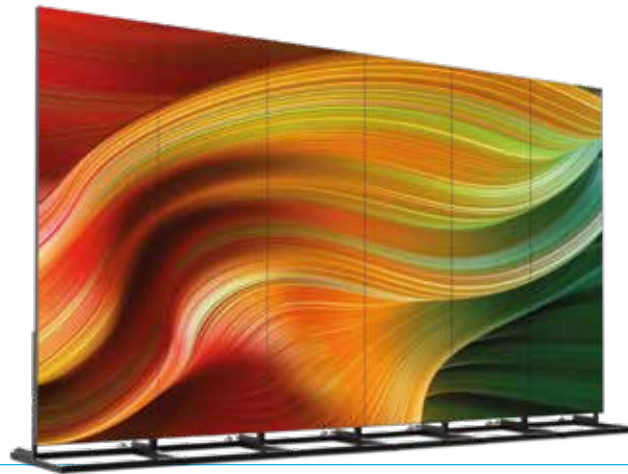(-40°C - +75°C)

Water-proof

Quality control check before shipping

EXTERNAL DEVICE COMPATIBLE

To achieve a better advertising effect, Totem is designed to be connected with the speaker. Totem can also support interactive functions (customizable).

Connect the external light sensor to automatically adjust the screen brightness according to the environment	> Energy Saving
Connect with the speaker	> Make Your Ads Impressive And Unforgettable
Support interactive function(customizable)	> Better Advertising Effect

Smart Control

◦ Synchronous & Asynchronous Dual-mode Media Player
◦ Real-time Zoom In And Out
◦ 8 GB memory
◦ Supports USB expansion

NSELED uses aviation plugs to better protect the ports

- Network
- Input
- Output
- HDMI/USB
- Power plug

Outdoor Totem Specifications

Model Type	TTO256419	TTO305719	TTO307619
Application	Outdoor	Outdoor	Outdoor
Pixel pitch	2.5mm	3mm	3mm
Density	160.000	111.111	111.111
LED Type	SMD1415	SMD1921	SMD1921
Pixel type(R / G / B)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)
Module size	160 x 160mm	192 x 192 mm	192 x 192 mm
Module Resolution	64 x 64 pixel	64 x 64 pixel	64 x 64 pixel
LED Moudle layout(W×H)	4 x 12 mm	3 x 10	4 x 10
Display Size	640x1920 mm	576 x 1920 mm	768 x 1920 mm
Display Resolution	256x768 pixel	192 x 640 pixel	256 x 640 pixel
Display area	1.23 sqm	1.11 sqm	1.48 sqm
Cabinet Size(mm)	643 x 1930mm	579 x 1930 mm	781 x 1930 mm
Resolution(W×H)	256 x 768	192x640	256 x 640
Case Material	Aluminum	Aluminum	Aluminum
Weight	45kg /unit	50kg /unit	55kg /unit
Drive mode	1/32 scan	1/16 scan	1/16 scan
Viewing Distance	> 2m	> 3m	> 3m
Brightness	5000 cd/sqm	5000 cd/~	5000 cd/~
Viewing Angle	140°/140°	140°/140°	140°/140°
Refresh rate	3840Hz	3840Hz	3840Hz
Input voltage	AC 240/100±10%	AC 240/100±10%	AC 240/100±10%
Maximum Power Consumption	1350W	1050W	1400W
Average Power Consumption	450W	315W	420W
Control method:	Asynchronous (WIFI/USB/LAN/HDMI)	Asynchronous (WIFI/USB/LAN/HDMI)	Asynchronous (WIFI/USB/LAN/HDMI)
Temperature Operating (°C)	-40° - +75°	-40° - +75°	-40° - +75°
Working Humidity	10%-90%	10%-90%	10%-90%
IP Rating	IP65	IP65	IP65
Certificate	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC

showcase.

03. Indoor LEDwall
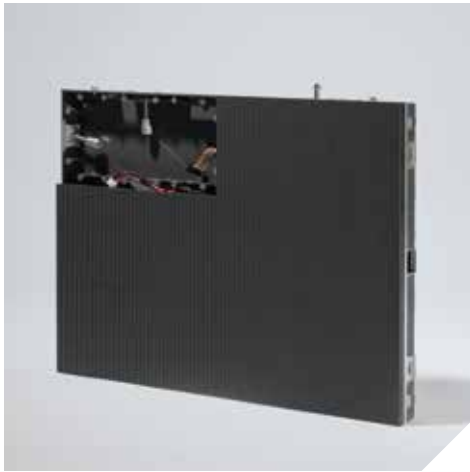
Comprising seamlessly integrated modules and connected to an external controller, Indoor LED walls allow you to cover any space, instantly transforming it into a tool for communication and entertainment for both customers and passers-by.

Whether you own a store, a venue, or an exhibition area, these LED walls turn the environment into an engaging experience for everyone.

Designed to Last

NSELED LEDwalls are user-friendly.

Thanks to a controller (A4, A5, A6 available), they support LAN, WIFI, USB and HDMI connection.

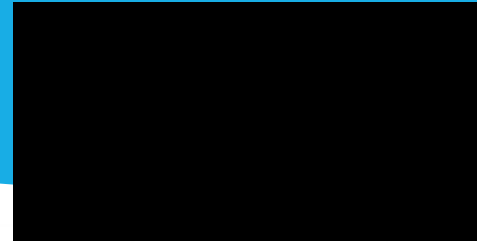A CLOUD allows you to upload content and update displays remotely.

◦ Quick to install
◦ Easy to update
◦ Support various formats of text, photos, and videos
◦ Guaranteed over 100.000 hours of operation

500x500   1000x250   1000x500

Indoor Wall-mounted LED wall display Specifications

	Model Type	LW|19	LW|26	LW|29	LW|39
	Application	Indoor	Indoor	Indoor	Indoor
LED Module Parameters	Pixel Pitch	1.953	2.604	2.976	3.91
	Pixel Encapsulation	SMD1515	SMD1515	SMD2020	SMD2020
	Module Size	250x250 mm	250x25 0mm	250x250 mm	250x250 mm
	Module Resolution	128x128 dot	96x96 dots	84x84 dots	64x64 dots
	Driving Method	Scanning mode	1/32 scan	1/64 scanmm)	1/32 scan	1/28 scan	1/16 scan
LED Cabinet Parameters	Cabinet Size (LxHxD)	1000x250mm	500x500mm (Support customized 750x250mm, 500x250mm)			
	Cabinet Resolution	512x128 dots - 256x256 dots	384x96 dots - 192x192 dots	384x96 dots - 168x168 dots	256x64 dots - 128x138 dots
	Cabinet Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
	Sqm weight	26 kg	26 kg	26 kg	26 kg
	Maintenance	Front maintenance	Front maintenance	Front maintenance	Front maintenance
	Brightness	1000 nits	800nits	1200 nits	1200 nits	1200 nits
	Gray Scale	14/16 bit	14/16 bit	14/16 bit	14/16 bit
	Display Color	281 trillions (synchronized)	281 trillions (synchronized)	281 trillions (synchronized)	281 trillions (synchronized)
	Operation Power	110v~240v±10%	110v~240v±10%	110v~240v±10%	110v~240v±10%
	Average Power Consumption	230W / sqm	180W / sqm	160W / sqm	160W / sqm
	Max Power Consumption	690W / sqm	460W / sqm	400W / sqm	400W / sqm
	Control Mode	Synchronous	Asynchronous (Option)	Synchronous	Asynchronous (Option)	Synchronous	Asynchronous (Option)	Synchronous	Asynchronous (Option)
	Refresh Frequency	3840HZ	3840HZ	3840HZ	3840HZ
	Surport Signal Input	S-video, RGBHV, YUV, VGA, DVI, HDMI etc.	S-video, RGBHV, YUV, VGA, DVI, HDMI etc.	S-video, RGBHV, YUV, VGA, DVI, HDMI etc.	S-video, RGBHV, YUV, VGA, DVI, HDMI etc.
	Control Distance	UTP140m, Single Mode Fiber 15km	UTP140m, Single Mode Fiber 15km	UTP140m, Single Mode Fiber 15km	UTP140m, Single Mode Fiber 15km
	Brightness Adjustment	65536 levels per color (autamatically)	65536 levels per color (autamatically)	65536 levels per color (autamatically)	65536 levels per color (autamatically)
	Operating Temperature	30°C to 60°C	30°C to 60°C	30°C to 60°C	30°C to 60°C
	View Angle	Horizontal ≧140° - Vertical ≧140°	Horizontal ≧140° - Vertical ≧140°	Horizontal ≧140° - Vertical ≧140°	Horizontal ≧140° - Vertical ≧140°
	Certification	CE,EMC, RoHS	CE,EMC, RoHS	CE,EMC, RoHS	CE,EMC, RoHS
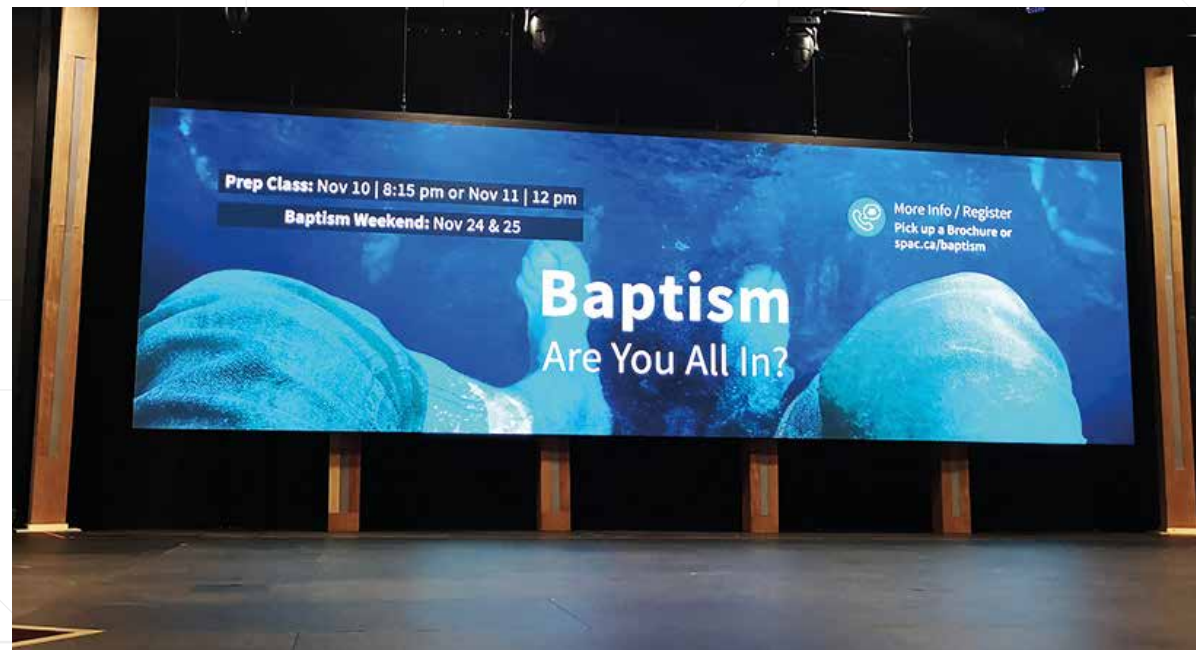
Fine pitch LED display

Fine pitch LED displays are LED displays with LED point spacing below 1.9mm. Thanks to the improvement of LED display manufacturing technology, the resolution of traditional LED displays has been significantly improved: these advanced LED displays offer a superior alternative to LCD video displays.

They have become the top choice for various settings, including shopping malls, meeting rooms, central control rooms, television studios, and enclosed branding and display applications.

Display Advantages

One of the key advantages of fine-pitch LED displays lies in their higher pixel density and brightness, providing a remarkable visual experience. The displays boast a high refresh rate and dynamic contrast, ensuring optimal visual comfort and image quality. As a result, they meet the increasing demand for greater definition and a closer viewing distance.

Finer pixel pitch means more pixels can fit into the same physical size, increasing pixel density and resolution.

Display Advantages

Seamless Splicing

With seamless splicing and low energy consumption, small pitch LED displays can meet the needs of industries with high requirements for picture quality.

High Stability

Once completely installed, they guarantee stable and excellent visual performances. Great way to advertise your business services and brand items.

Long Lifespan

Overall NSE fine pitch LED display provides a long lifespan and excellent quality. They could last between 60.000 to 100.000 hours.

Fine pitch LED display Specifications

Model Type	LW|12	LW|15
Application	Indoor	Indoor
Pixel Pitch	1. 25mm	1. 56mm
Module	150x168. 7mm	150x168. 7mm
Resolution	120x135	96x108
Surface Treatment	Matt	Matt
Surface Hardness	4H	4H
Panel Size	600x675x39.5mm / 600x337. 5x39. 5mm	600x675x39.5mm / 600x337. 5x39. 5mm
Panel Weight	7. 9kg (600x675mm) / 4kg (600x337. 5)	7. 9kg (600x675mm) / 4kg (600x337. 5)
Panel Resolution	480x540/480x270	384x432/384x216
Pixel Density	640000 dots/sqm	409600 dots/sqm
Circuit Design	Common cathode circuit	Common cathode circuit
Flash Correction Storage	Applicable	Applicable
Brightness of White	Standard 600nits	Standard 600nits
Refresh Rate	3840Hz	3840Hz
Contrast Ratio	10000:1 (Condition without lighting)	10000:1 (Condition without lighting)
Color Temperature	9300K (Standard)	9300K (Standard)
Viewing Angle	160°	160°
Input Voltage	AC 100~240V 50/60Hz	AC 100~240V 50/60Hz
Max. Power Consumption (White Balance 600nit)	130W/Panel(600x675mm); 65W/Panel(600x337mm)	130W/Panel(600x675mm); 65W/Panel(600x337mm)
Maintenance Way	Front Service	Front Service
IP level of PCB serface	IP54 (Washable by clean water)	IP54 (Washable by clean water)
Operating Temperature	-10°C-+40°C/10%RH-90%RH	-10°C-+40°C/10%RH-90%RH
Storage Temperature	-20°C-+60°C/10%RH-90%RII	-20°C-+60°C/10%RH-90%RII
Certificate	3C, EMC CLASS-A, ROHS, CQC	3C, EMC CLASS-A, ROHS, CQC

FA. Series

Model Type	FAI 1.25	FAI 1.56	FAI 1.667	FAI 1.86
Cabinet size	640x640mm	320x640mm	640x480mm	960x480mm

640 x 480 mm

640 x 640 mm

320 x 640 mm

960 x 480 mm
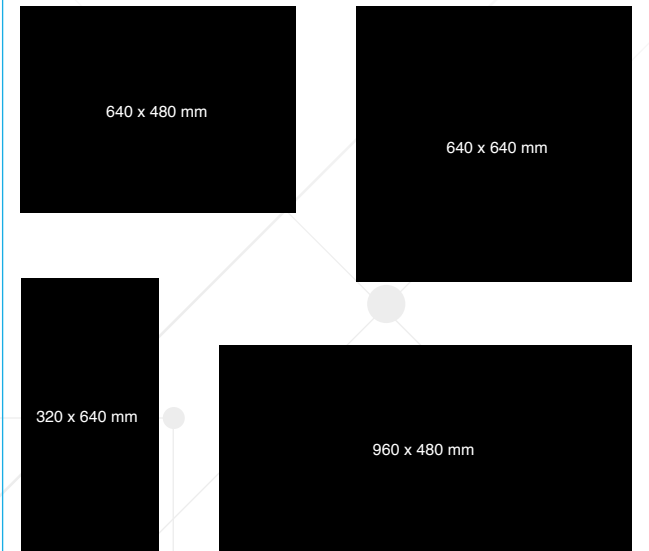
# 04. U Slim Wall Mounted LED display

Only 25 mm thick!

Ditch the bulky displays and embrace the sleek elegance of the NSELED ultra-slim wall-mounted LED display. Its transformative design, 50% lighter than comparable products, seamlessly blends into your surroundings, without compromising on visual brilliance. Immerse yourself in stunning visuals with a cinematic 16:9 aspect ratio that delivers an unparalleled viewing experience.

◦ Fine pixel pitch available 1.25 mm, 1.56 mm, 1.875 mm
◦ 16:9 Golden Ratio
◦ Advanced UHD 2k, 4k, 8k, Experience
◦ Smart LED module
◦ Smart management system
◦ Dust-proof, moisture-proof, corrosion-proof
◦ Full Front Service

At just 25mm thick, the Ultra Slim LEDwall is a fraction of the size of traditional LED displays. This makes it ideal for installation in tight spaces, such as retail displays or museum exhibits.

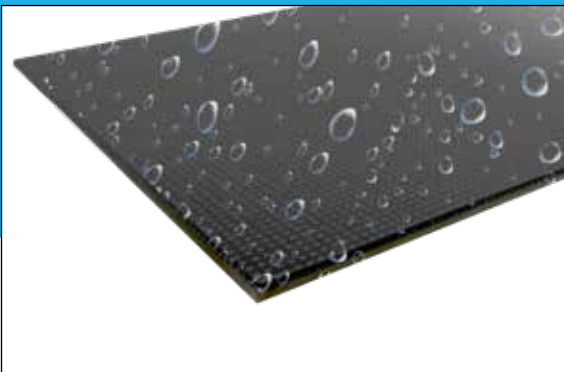The Ultra Slim LEDwall is also lighter than other displays, making it easier to transport and install.
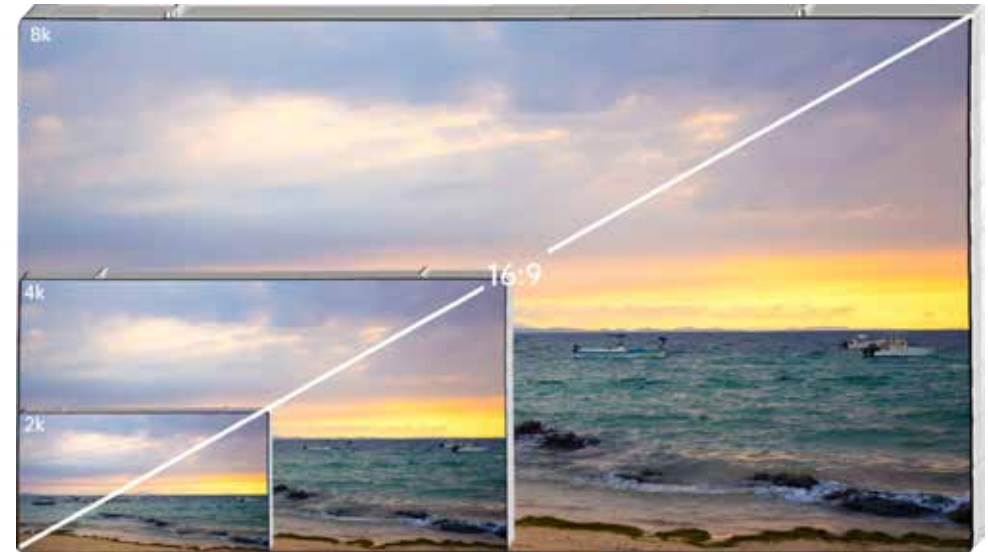
16:9 Golden Ratio
Standard 27.5" Size
FHD/4K Pixel to Pixel Resolutions

These modules allow reproducing the 16:9 aspect ratio at any size

600 mm x 337.5 mm

High protection HD LED display

Water-proof, dust-proof,anti-collision, corrosion proof.

Front and Rear Maintenance Design

Our LED screens offer both front and rear maintenance access, giving you the flexibility and efficiency you need to keep your LED screens running smoothly.

U Slim Wall Mounted LED display Specifications

Series No.	US|126033	US|156033	US|186033
Pixel pitch	1.25 mm	1.56 mm	1.875 mm
Pixel density	640,000 dots	409,600 dots	284,444 dots
LED lamp	SMD1010	SMD1212	SMD1515
Module size	300 mm x 168.75 mm	300 mm x 168.75 mm	300 mm x 168.75 mm
Module resolution	240 dots x 135 dots	192 dots x 108 dots	160 dots x 90 dots
Cabinet size	600 mm x 337.5 mm	600 mm x 337.5 mm	600 mm x 337.5 mm
Cabinet resolution	420 dots x 270 dots	384 dots x 216 dots	320 dots x 180 dots
Cabinet material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Cabinet weight	5.2 kg / Panel	5.2 kg / Panel	5.2 kg / Panel
Maintenance	Front maintenance	Front maintenance	Front maintenance
Drive mode	1/45	1/54	1/30
View angle	Horizontal ≧140° - Vertical ≧140°	Horizontal ≧140° - Vertical ≧140°	Horizontal ≧140° - Vertical ≧140°
Refresh rate	3840HZ (high refresh rate)	3840HZ (high refresh rate)	3840HZ (high refresh rate)
Brightness	600 cd/	800 cd/	800 cd/
Environment	IP20	IP20	IP20
Max Power Consumption	800W	800W	800W
Average Power Consumption	240W	240W	240W
Voltage	AC 100 - 240V	AC 100 - 240V	AC 100 - 240V
Certification	CE,EMC, FCC, RoHS/CCC	CE,EMC, FCC, RoHS/CCC	CE,EMC, FCC, RoHS/CCC

Spare modules   Panels   Bracket   Control System
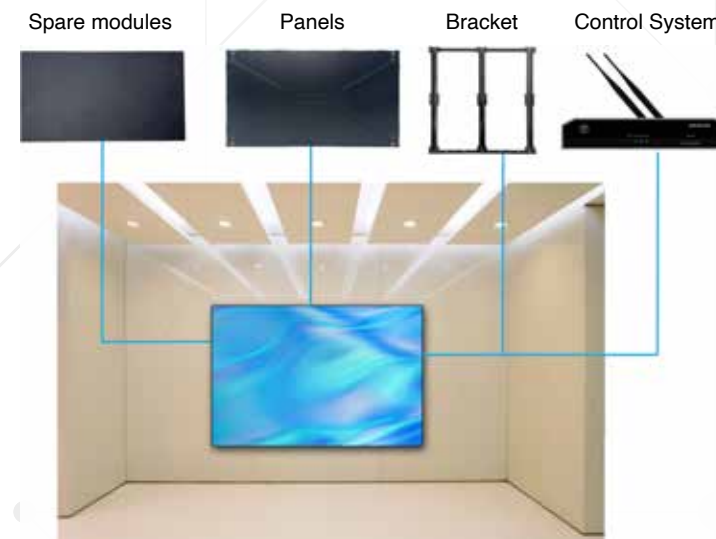
showcase.

05. Rental LED display

Rental LED display - RF series

Step into the future of events with the RF Series of Rental LED displays, a groundbreaking innovation introduced in 2024. Its modular design allows effortless connections and configurations in a multitude of sizes and shapes, including curved, cylindrical, spherical, convex, concave, and custom options.

Immerse your audience in an unparalleled visual experience with the RF Series LED displays, featuring:

● Striking wrap-around design
● Expansive visual effects
● Remarkable brightness and contrast
● Engaging interactive effects

NEW!
Product Launch 2024

Display advantages

Rental LED display - RF series Specifications

Model Type	RN|265050-F	RN|395050-F
Application	Indoor	Indoor
Pixel pitch	2.6 mm	3.91 mm
Density	147.456 dots/sqm	65.536 dots/sqm
LED Type	SMD1515	SMD2121
Pixel type (R / G / B)	1R1G1B (3 in 1)	1R1G1B (3 in 1)
Module size	250 mm x 250 mm	250 mm x 250 mm
Module Resolution	96 x 96 pixel	64 x 64 pixel
Cabinet Size (HxW)	500 mm x500 mm	500 mm x500 mm
Cabinet Resolution	192 x 192 pixel	128 x128 pixel
Drive mode	1/16 Scan	1/16 Scan
Weight	7.5 Kg	7.5 Kg
Viewing Distance	≥ 2.6 M	≥ 3.91 M
Brightness	≥ 1000 nits	≥ 1000 nits
IP Rating	IP43	IP43
Viewing Angle	140° (H)/140°(V)	140° (H)/140°(V)
Refresh rate	3840HZ	3840HZ
Input voltage	AC110-220V	AC110-220V
Gray Scale	16 bit	16 bit
Maximum Power Consumption	660W	600W
Average Power Consumption	210W per unit	180W
Case Material	Aluminum	Aluminum
Control method	Asynchronous	Asynchronous
	Synchronous	Synchronous
Temperature Operating (°C)	-20°~+80°	-20°~+80°
Working Humidity	10%–90%RH	10%–90%RH
Service Access	Rear	Rear
Certificate	CE/ROHS/FCC	CE/ROHS/FCC
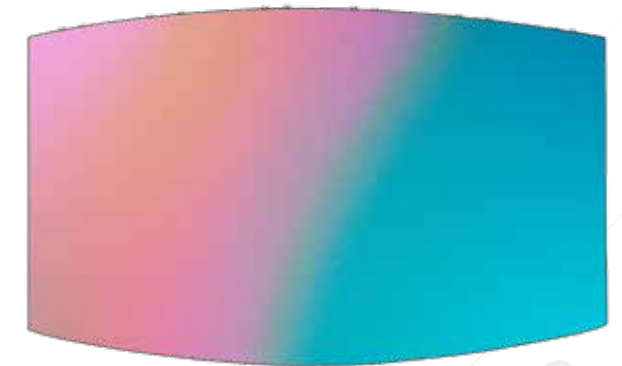
Rental LED display
RS Series

Our lightweight and easy-to-install rental LED displays are perfect for a variety of indoor and outdoor events. They are portable, quick to set up and take down, and feature high resolution and color contrast. The RS Series is a popular choice for presentations, concerts, sports, exhibitions, weddings, and more.

With multiple installation methods and a quick and simple assembly mechanism, the RS Series is the ideal solution for rental applications. You can recover your investment in a few events, making the RS Series a cost-effective option.

The RS Series offers front and rear serviceable screens in 1.9, 2.976, 3.91, and 4.81mm pixel pitches. This product line perfectly combines versatility and economic solutions for indoor and outdoor applications, ensuring the high-quality images you expect from NSELED.
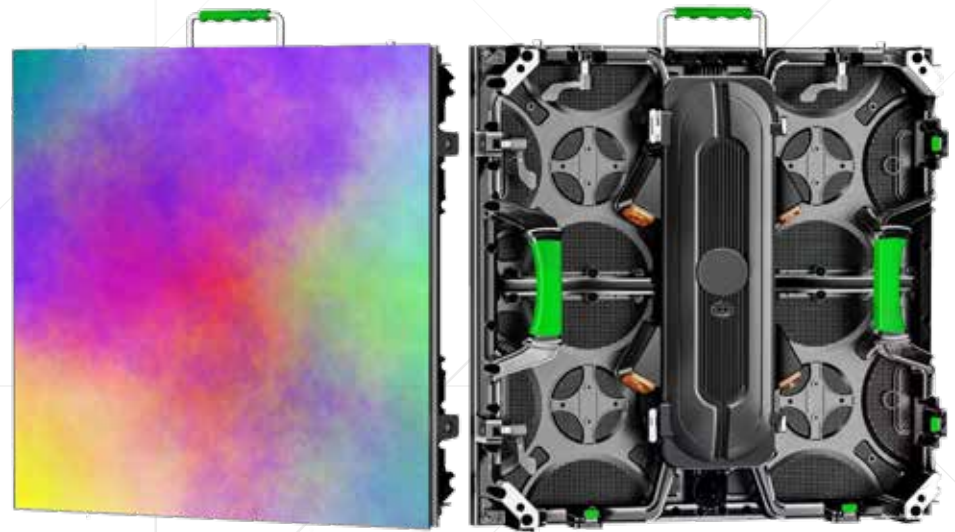
Rental LED display - RX series

The RX series boasts a user-friendly modular design, making on-site assembly a breeze. These cabinets, both portable and flexible, allow for creative designs of any size or shape.

Mix and match the standard cabinet sizes of 500x500mm and 500x1000mm effortlessly to tailor them to various projects and shades.

Crafted from ultra-lightweight die-casting aluminum with remarkable precision in splicing, the system maintains an ultra-thin profile of just 75mm. Enjoy easy transport and unparalleled portability!
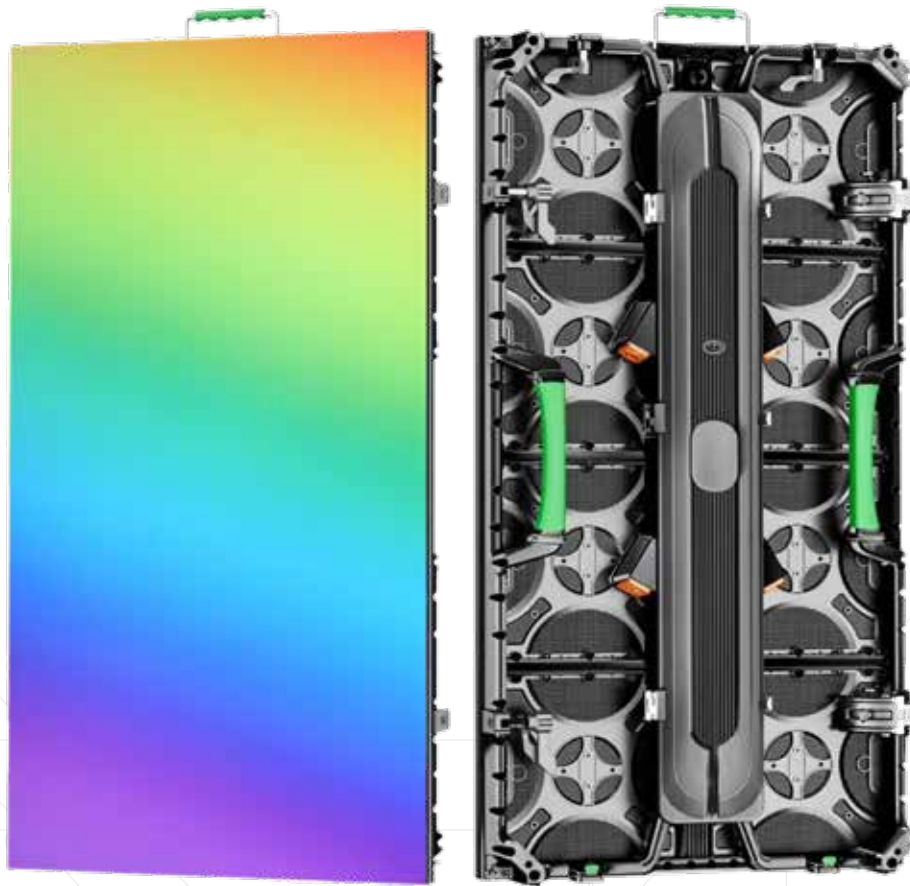
500 mm x 1000 mm

500 mm x 500 mm

Rental LED display - RS and RX series Specifications

Model Type	RN|19	RN|26	RN|29	RN|39	RNO29	RNO39	RNO48
Application	Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor
Pixel pitch	1.9 mm	2.6 mm	2.976mm	3.91 mm	2.976 mm	3.91 mm	3.91 mm
Density	262.114 dots/sqm	147.456 dots/sqm	112.896 dots/sqm	65.536 dots/sqm	112.896 dots/sqm	65.536 dots/sqm	43.264 dots/sqm
LED Type	SMD1010	SMD1515	SMD2121	SMD 2121	SMD2121	SMD1921	SMD2727
Pixel type(R / G / B)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)
Module size	250 mm x 250 mm	250 mm x 250 mm	250 mm x 250 mm	250 mm x 250 mm	250 mm x 250 mm	250 mm x 250 mm	250 mm x 250 mm
Module Resolution	128 x 128 pixel	96 x 96 pixel	84 x 84 pixel	64 x 64 pixel	84 x 84 pixel	64 x 64pixel	52 x 52 pixel
Cabinet Size (HxW)	500 mm x 500 mm	500 mm x 500 mm	500 mm x 500 mm	500 mm x 500 mm	500 mm x 500 mm	500 mm x 500 mm	500 mm x 500 mm
	500 mm x 1000 mm	500 mm x 1000 mm	500 mm x 1000 mm	500 mm x 1000 mm	500 mm x 1000 mm	500 mm x 1000 mm	500 mm x 1000 mm
Cabinet Resolution (px x px)	256 x 256	256 x 512	192 x 192	192 x 384	168 x 168	168 x 336	128 x 128	128 x 256	168 x 168	168 x 336	128 x 128	128 x 256	104 x 104	104 x 208
Case Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Drive mode	1/32 Scan	1/16 Scan	1/32 Scan	1/16 Scan	1/32 Scan	1/16 Scan	1/13 Scan
Viewing Distance	≥ 1 M	≥ 1 M	≥ 2 M	≥ 3 M	≥ 2 M	≥ 3 M	≥ 4 M
Brightness	≥ 1000 nit	≥ 1000 nit	≥ 1000 nit	≥ 1000 nit	≥ 4500 nit	≥ 4500 nit	≥ 4500 nit
Viewing Angle	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)
Refresh rate	3840HZ.	3840HZ.	3840HZ.	3840HZ.	3840HZ.	3840HZ.	3840HZ.
Input voltage	AC 110-220V	AC 110-220V	AC 110-220V	AC 110-220V	AC 110-220V	AC 110-220V	AC 110-220V
Maximum Power Consumption	200W	210W	195W	180W	200W	210W	220W
Average Power Consumption	680W	660W	650W	600W	690W	700W	740W
Control method:	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous	Asynchronous
	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Temperature Operating (°C)	-20°~-80°	-20°~-80°	-20°~-80°	-20°~-80°	-20°~-80°	-20°~-80°	-20°~-80°
Working Humidity	10%–95%RH	10%–95%RH	10%–95%RH	10%–95%RH	10%–95%RH	10%–95%RH	10%–95%RH
IP Rating	IP43	IP43	IP43	IP43	IP65	IP65	IP65
Certificate	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC

showcase.

06. Outdoor Signage

Easy to use, NSELED screens are a true marketing tool and allow the conversion of online and social communication investments into in-store communication, enhancing the in-store experience.

Investing in an LED wall is essential to promote your business in an engaging manner, attracting the attention of passersby, improving your brand's visibility, and creating a lasting impact in the era of digital signage.

- Brightness over 6000 nits
- High chromatic contrast
- Waterproof and resistant to weather conditions
- Powder coating
- Aluminum cabinet
- Optimal heat dissipation
- Perfect impermeability

MODULAR and CUSTOMIZABLE
The modularity of NSELED LED solutions allows for creating various configurations and adapting to all contexts.

DIGITAL SIGNAGE OUTDOOR

FLAG LED SIGN OUTDOOR

POSTER LED OUTDOOR

NSELED Standard Controllers

HD A4 is a Player controller with 8GB of internal memory. Through the HD Player software, it is possible to manage videos, photos, texts, etc. If configured, it connects to the internet. It offers the possibility of managing the entire system remotely.

- Synchronous and asynchronous communication
- Autoscaling
- Coordinated management of 2.3 million pixels
- Wi-FI connection, LAN connection.
- Optionally support 4G and remote control in cloud.

OS406432 - P4 Sign 64x32

OS406448 - P4 Sign 64x48

OS406464 - P4 Sign 64x64

OS403264 - P4 Sign 32x64

OS406496 - P4 Sign 64x96

OS409648 - P4 Sign 96x48

OS409696 - P4 Sign 96x96

OS409664 - P4 Sign 96x64

Outdoor Signage Specifications

STANDARD IN STOCK

Model Type	OSO25	0SO30	OSO40	OSO50	OSO60	OSO80	OSO100
Application	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Pixel Pitch	2.5mm	3mm	4mm	5mm	6mm	8mm	10mm
Density	160.000 dots/sqm	111.111 dots/sqm	62.500 dots/sqm	40.000 dots/sqm	27.778 dots/sqm	15.625 dots/sqm	10.000 dots/sqm
LED Type	SMD2121	SMD2121	SMD1921	SMD2525	SMD2525	SMD2525	SMD2525
Pixel type(R / G / B)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)
Module size	320x160mm	192x192mm	320x160mm	160x160mm	192x192mm	256x128mm 320x160mm	320x160mm
Module Resolution	128x64pixel	61x64pixel	80x40 pixel	32x32 pixel	32x32 pixel	32x16 pixel 40x20pixel	32x16 pixel
Case Material	Aluminum / Iron	Aluminum / Iron	Aluminum	Aluminum / Iron	Aluminum / Iron	Aluminum / Iron	Aluminum / Iron
Drive mode	1/32 Scan	1/16 Scan	1/16 Scan	1/8 Scan	1/4 Scan	1/4 Scan	1/2 Scan
Viewing Distance	2-150m	3-150m	4-150m	5-150m	6-150m	8-150m	10-150m
Brightness	≥5000 nit	≥5000 nit	≥6000 nit	≥6000 nit	≥6000 nit	≥6000 nit	≥6000 nit
Refresh rate	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
Input voltage	110-220V	110-220V	110-220V	110-220V	110-220V	110-220V	110-220V
Maximum Power	1200w	1040w	800w	800w	1040w	850w	900w
Consumption	380w	360w	240w	240w	360w	280w	300w
Average Power Consumption	-25°C ~45°C	-25°C ~45°C	-25°C ~45°C	-25°C ~45°C	-25°C ~45°C	-25°C ~45°C	-25°C ~45°C
Temperature Operating (°C) Working Humidity	10% ~95%	10% ~95%	10% ~95%	10% ~95%	10% ~95%	10% ~95%	10% ~95%
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Viewing Angle	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)	140° (H)/140°(V)
Control method:	Asynchronous &Synchronous	Asynchronous &Synchronous	Asynchronous &Synchronous	Asynchronous &Synchronous	Asynchronous &Synchronous	Asynchronous &Synchronous	Asynchronous &Synchronous
Certificate	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC

FRONT MAINTENANCE

showcase.

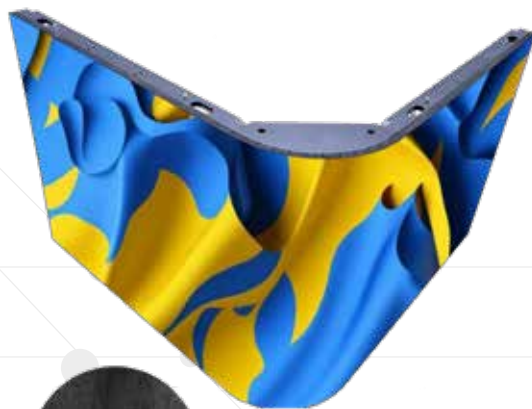# 07. OTV series

ENERGY
SAVING

The OTV Series is what everybody is looking for these days: high performance at a minimum energy consumption with a revolutionary structure.

Minimalistic and practical, OTV boasts full front&rear services and an essential modular design, ultra slim and lightweight (in aluminum) for faster and more costeffective transport and an easier installation process.

The "all-in-one-box" cable design simplifies eletric connections and offers a more stable performance. But OTV Series' main feature is the minimized energy consumption: the heat sink design for module chassis and power supply unit improves heat dissipation considerably, optimizing energy consumption.

Curved Installation
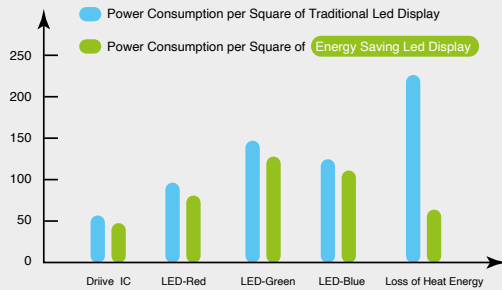
The LED module and cabinet are with 45° bevels

| EASY INSTALL | LOW NOISE | MODULAR | 24/7 OPERATION | |
| SCALABLE | COLOR | WIDE VIEW | CONTRAST | IP65 |

Series 960

Series 1000

ENERGY SAVING

Power Consumption per Square of Traditional Led Display
Power Consumption per Square of Energy Saving Led Display

(chart with axis values 250, 200, 150, 100, 50, 0; categories: Drive IC, LED-Red, LED-Green, LED-Blue, Loss of Heat Energy)

The new OTV Series offers the possibility of a direct application to walls: being wall-mounted directly, OTS Series halves the installation time, reduces the occasions of mistakes thanks to positioning aids and improves planarity.

- Front and rear maintenance
- IP65 waterproof
- Extra brightness on request: up to 10.000 NITs
- All in one installation

series 960   series 1000

OTV Series Specifications

Model Type	OTO669696	OTO809696	OTO109696	OTO391010	OTO781010
Pixel Pitch	6.67	8	10	3.9	7.8
Density	22.477	15.625	10000	65.746	16.437
LED Type	SMD2727	SMD3535	SMD3535	SMD1921	SMD2727
Pixel type	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Module size	480x320 mm	480x320 mm	480x320 mm	500x250 mm	500x250 mm
Module Resolution	72x48	60x40	48x32	128x64	64x32
Cabinet Size (H x W)	960x960 mm	960x960 mm	960x960 mm	1000x1000 mm / 1000x500 mm	1000x1000 mm / 1000x500 mm
Cabinet Resolution	144x144	120x120	96x96	256x256 / 256x128	128x128 / 128x64
Case Material	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Case Thickness	60 mm	60 mm	60 mm	60 mm	60 mm
Weight	23 Kg	23 Kg	23 Kg	24 Kg / 13 Kg	24 Kg / 13 Kg
Maintenance	Front&rear	Front&rear	Front&rear	Front&rear	Front&rear
Drive mode	6S	5S	4S	8S	4S
LED Brand	Nationstar / MTC	Nationstar / MTC	Nationstar / MTC	Nationstar / MTC	Nationstar / MTC
Brightness	6.500 / 8.000 nits	6.500 / 8.000 nits	7.000 / 8.000 nits	6.500 / 8.000 nits	6.500 / 8.000 nits
Refresh rate	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Voltage	110-220 V	110-220 V	110-220 V	110-220 V	110-220 V
Maximum Power Consunpiton		600 W/sqm	600 W/sqm	430 W/sqm	600 W/sqm
Average Power Consumption	180 W/sqm	180 W/sqm	180 W/sqm	180 W/sqm	180 W/sqm
Operating Temperature	-25℃~45℃	-25℃~45℃	-25℃~45℃	-25℃~45℃	-25℃~45℃
Working Humidity	10%~95%	10%~95%	10%~95%	10%~95%	10%~95%
IP Rating	IP65	IP65	IP65	IP65	IP65
Viewung Angle	140°	140°	140°	140°	140°
Control method	Async&sync	Async&sync	Async&sync	Async&sync	Async&sync
Application	Outdoor (DOOH)	Outdoor (DOOH)	Outdoor (DOOH)	Outdoor (DOOH)	Outdoor (DOOH)

showcase.

08. Transparent LED display

The transparent NSELED screen is an LED display with transparency of up to 80%.

It can be positioned in a window or a showcase without sacrificing natural light in the space. The support is designed to hold the integrated LEDs without obstructing the view: thanks to the See-Through Effect, the graphics appear suspended in the void, while the colours, brightness, and contrasts remain typical of NSELED. The transparent LED display is also suitable for the "Glass Wall" installation, meaning it can cover the entire face of a building without hindering the passage of light to the interior spaces. The display can compete with direct sunlight during the peak hours of the day.

Easy Installation
Modular design makes it easy to assemble and install the cabinet.

Convenient Maintenance
Simple operation, modules can be replaced individually, reducing maintenance costs.

High Stability
New structure to meet the requirements of hoisting, standing, indoor and outdoor use.

Diverse Controls
Remote cluster control for easy control of single and multiple displays simultaneously.

Transparent LED display specifications

|	Model Type	TRS28561050-NTR	TRS39781050-NTR	TRS78781050-NTR	TRS10101050-NTR
LED Module Parameters	Pixel density	61.952 dots / m²	32.256 dots / m²	16.384 dots / m²	9.216 dots / m²
	Pixel Pitch	2.8 - 5.6	3.9 - 7.8	7.8	10.4
	Pixel Encapsulation	SMD1921 (Anti-UV)	SMD1921 (Anti-UV)	SMD1921 (Anti-UV)	SMD1921 (Anti-UV)
	Screen Size	1000 mm x 500 mm	1000 mm x 500 mm	1000 mm x 500 mm	1000 mm x 500 mm
	Module Resolution	357 x 89 dots	256 x 64 dots	128 x 64 dots	128 x 64 dots
	Transparency	≥ 45%	≥ 65%	≥ 65%	≥ 75%
LED Cabinet Parameters	Screen weight		10 kg / m²		
	Cabinet materials		Section Aluminum		
	Brightness	3500 nits	3500 nits	3500 nits	3500 nits
	Gray Scale	14/16 bit	14/16 bit	14/16 bit	14/16 bit
	Display Color	281 trillions (synchronized)	281 trillions (synchronized)	281 trillions (synchronized)	281 trillions (synchronized)
	Operation Power	110v~240v±10%	110v~240v±10%	110v~240v±10%	110v~240v±10%
	Average Power Consumption	288W / sqm	260W / sqm	235W / sqm	288W / sqm
	Max Power Consumption	720W / sqm	750W / sqm	589W / sqm	720W / sqm
	Control Mode	Wi-fi | Ethernet | USB	Wi-fi | Ethernet | USB	Wi-fi | Ethernet | USB	Wi-fi | Ethernet | USB
	Refresh Frequency	3840HZ	3840HZ	3840HZ	3840HZ
	Protection Rating	IP43	IP43	IP43	IP43
	Operating Temperature	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
	Working humidity	10% - 85% RH	10% - 85% RH	10% - 85% RH	10% - 85% RH
	Life Spam	100.000 hours	100.000 hours	100.000 hours	100.000 hours
	Certification	CE, EMC, RoHS	CE, EMC, RoHS	CE, EMC, RoHS	CE, EMC, RoHS

showcase.

09. Flexible LED display
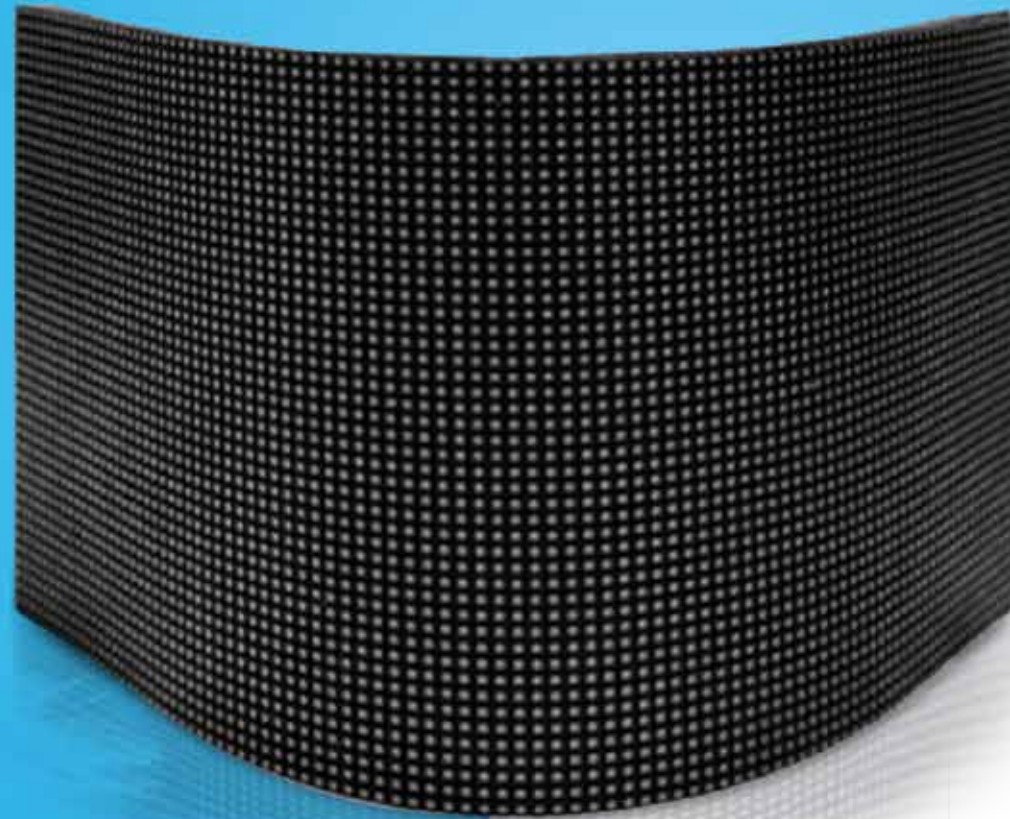
High Image Quality
& Perfect Visual Enjoyment

The flexible LED screen available 2mm, 2.5mm, 3mm, and 4mm resolutions offers a better-quality image with high refresh rate, enhancing contrast, providing color uniformity and superior black levels.

Also,the Flexible LED panel because of its special shape design, gives audiences a perfect visual enjoyment, favored by the majority of customers.

Display Advantages

1) High flexibility: It can be made in any size and shape for creative installations.

2) Easy to splice: Magnet design LED panel makes the screen easy to assemble and disassemble.

3) Front maintenance: It is effortless to maintain and replace by end-users.

4) Lightweight: Saving 50% shipping and installation costs.

Its RGB LED diodes are not only energy-saving, but they also have excellent performance while saving energy.

Flexible LED display Specifications

Model Type	FL|20	FL|25	FL|30	FL|40
Application	Indoor	Indoor	Indoor	Indoor
Pixel pitch	2mm	2.5mm	3mm	4mm
Destiny	250.000 dots/sqm	160.000 dots/sqm	111.111 dots/sqm	62.500 dots/sqm
LED Type	SMD1010	SMD1010	SMD1515	SMD2121
Pixel type(R / G / B)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)	1R1G1B (3 in 1)
Module size	240x120mm	240x120mm	240x120mm	256x128mm
Module Resolution	120x60dot	96x48dot	80x40dot	64x32dot
Module Weight	0.17kg	0.17kg	0.17kg	0.2kg
Power consumption	Max:25W/pc	Max:25W/pc	Max:25W/pc	Max:25W/pc
Drive mode	1/24 scan	1/24 scan	1/20 scan	1/16 scan
Driving IC	MBI5124	MBI5124	MBI5124	MBI5124
Viewing Distance	2.5m	2.5m	3m	4m
Brightness	1.100cd/sqm	1.100cd/sqm	1.100cd/sqm	1.100cd/sqm
Viewing Angle	140°(H)/140°(V)	140°(H)/140°(V)	140°(H)/140°(V)	140°(H)/140°(V)
Refresh rate	3840Hz	3840Hz	3840Hz	3840Hz
Input voltage	AC 220/110±15%	AC 220/110±15%	AC 220/110±15%	AC 220/110±15%
MTBF	≥ 10.000 hs	≥ 10.000 hs	≥ 10.000 hs	≥ 10.000 hs
Grey Level	14 Bits	14 Bits	14 Bits	14 Bits
Control method:	Asynchronous & Synchronous	Asynchronous & Synchronous	Asynchronous & Synchronous	Asynchronous & Synchronous
Temperature Operating (°C)	-25℃~45℃	-25℃~45℃	-25℃~60℃	-25℃~60℃
Working Humidity	10%~95%	10%~95%	10%~95%	10%~95%
IP Rating	IP43	IP43	IP43	IP43
Certificate	CE,ROHS	CE,ROHS	CE,ROHS	CE,ROHS

P2 MODULE ▽

P2.5 MODULE ▽

P3 MODULE ▽

P4 MODULE ▽
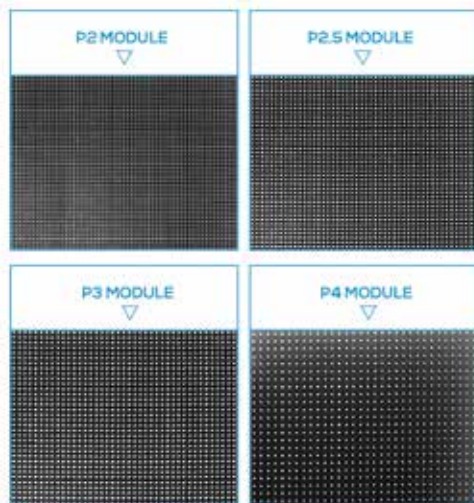
showcase.

Digital signs offer unparalleled flexibility. It's possible to update content in real-time, adapting it to various promotions, events, or seasons.

Connectivity

It is possible to upload content in the following ways:
LAN・Through a dedicated Ethernet port.
WI-FI・Via AP or corporate Wi-Fi.
USB・Using a Pen Drive.
HDMI・For real-time content.
AUDIO・Connect the kiosk to audio speakers using a 3.5mm jack.
CLOUD・Request a CLOUD account to upload content remotely.

We offer a cloud storage service with servers located in Europe, a valuable choice for security, privacy, performance, and regulatory compliance.

You will be able to manage one or more units simultaneously.

NSELED is a leading manufacturer that provides one-stop LED display solutions and services. We provide installation assistance, after-sales support, and a 2 years warranty to assure that we meet your needs.

Services

• Technical assistance
• One-time training
• Content management software
• App Android e IOS

Thank you.

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