NEXNOVO™

for next innovation

XW series

XT series

XR series

INVENTOR AND MANUFACTURER OF TRANSPARENT LED DISPLAY

NEXNOVO TECHNOLOGY CO,LTD

ABOUT US

THE INVENTOR AND MANUFACTURER OF THE WORLD'S 1ST TRANSPARENT LED DISPLAYS.

NEXNOVO TECHNOLOGY CO, LTD, used to named GWS TECHNOLOGY, is the inventor and manufacturer of the world's leading transparent LED displays. The company holds over 20 patents on its transparent LED displays. NEXNOVO strives to continue on extending its specialty and innovation in the research and development, production and sales of transparent LED displays.

The current product models include the XT, XW, XR, which are designed for a wide range of applications such as storefront window displays, restaurant chains, shopping malls, airports, museums, financial institutions, trade shows, events, festivals, stage production, media architecture and many other areas. With pixel pitch ranges from 2.5mm to 30mm and brightness from 1000nit to 7500nits, The products are by far the clearest and brightest display in the world.

Our clients include brands like ZARA, Land Rover, Lamborghini, Chow Sang Sang, Wing Lung Bank, BlueShore Financial and etc.Through NEXNOVO continuous effort on product innovations and design, the newest 2016 XT2L & XT3S & XT3M are made simpler,friendlier, lighter, more durable, energy efficient and aesthetically appealing. NEXNOVO Technologies and its product can bring real competitive advantages to your brand and company.

Former brand | New brand

This brand(GWS) will be resolved from June 1st, and any promotion use this brand will not be approved anymore

PRODUSTS HAVE BEEN SOLD IN OVER 50 COUNTRIES

PATENTS

PCT/CN2014/070305
PCT/CN2014/070312
PCT/CN2010/076658
EP10816669.5
US13/496.737

CN200920205031.5
CN200910216848.7
CN200920298963.9
CN200920351460.3
CN201310011188.5
CN201320015752.6
CN201320015500.3
CN201310011178.1
CN201310039975.0

NEXNOVO is a manufacturer of LED technology headquartered in Shenzhen, China. It used to named GWS TECHNOLOGY. All the R&D and manufacturing are based in NEXNOVO Shenzhen. The company's core technology and related patents in transparent LED have led to innovative displays that can be used for retail business, commercial projects, digital signage, and art installations.

INDUSTRY LEADING
TRANSPARENT LED
DISPLAY WITH HIGH
RESOLUTION AND
BRIGHTNESS. OFF-THE-
SHELF OR CUSTOM
INSTALLATION.

DESIGN & FEATURES

| FEATURES	BENEFITS
Unparalleled Transparency	Greater than 75% – 95% transparency at highest resolution, unnoticeable when viewing from five meters or more.
Modular Design	Standard size can be used to create larger displays, using the right resolution for the job.
Easy Setup and Installation	Modular panels can snap together easily by hand on support frame. Custom installations are also available.
Light Weight and Easy Transportation	Weighted 12kg/m2 (including all structures and power supply), it's half of the weight of most LED displays.
High Brightness and Energy Efficiency	LED uses much less energy than projection and LCD, but with enough brightness to work in full daylight
Easy to Maintain and Update	Long life expectancy as replacement LED strips are swapped in easily without having to replace the entire panel.

OUTSTANDING APPEARANCE
Transparent LED modules and simple support frames create clean and unobtrusive displays.
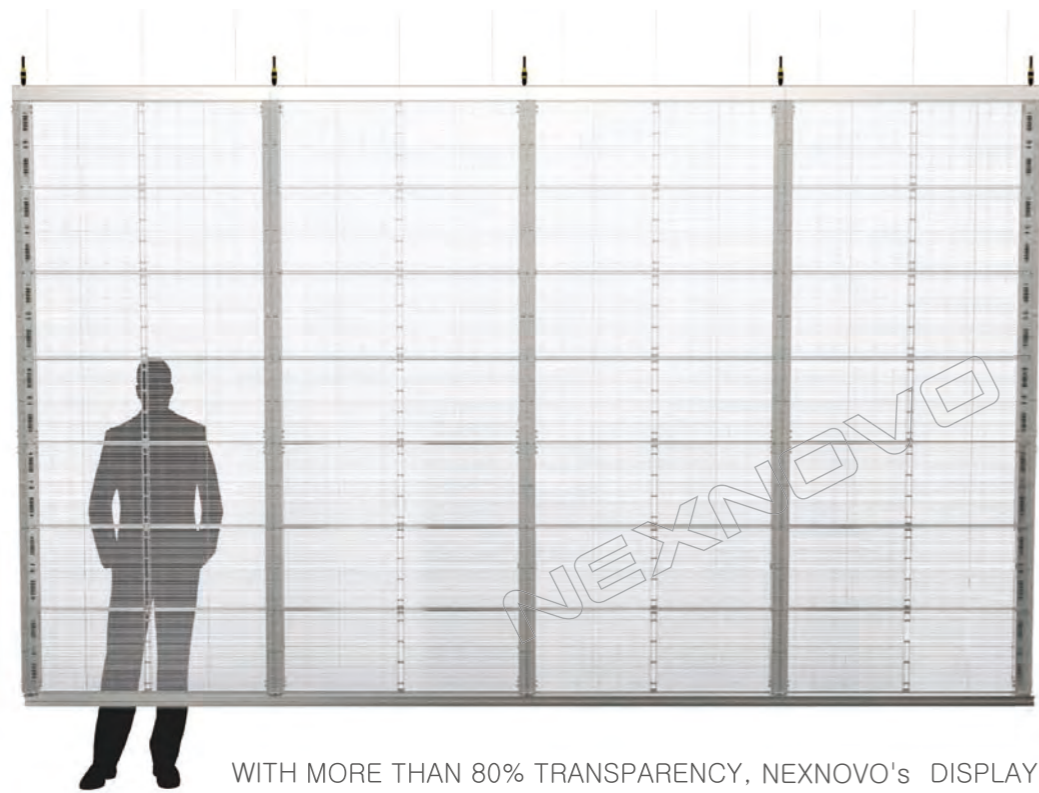
PERFECT ALIGNMENT
Precise aluminum frames ensure perfect alignment between modules.

COMPACT
Light and thin design leads to a compact product that saves on shipping and storage costs
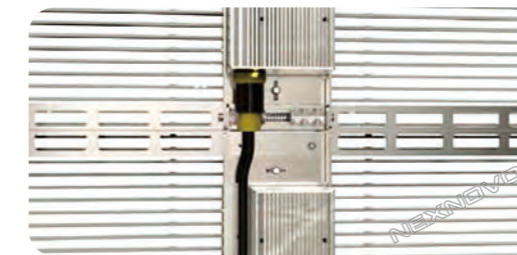
NOISE-FREE POWER SUPPLY
Power box can be hidden within the support frames.

UNPARALLELED TRANSPARENCY
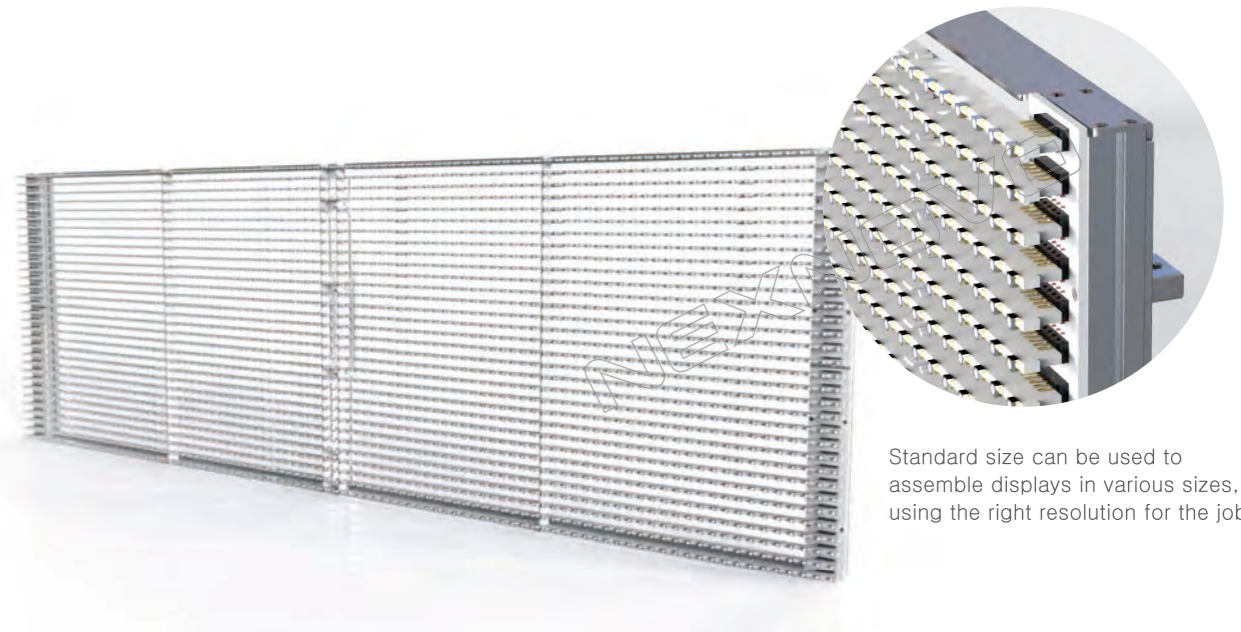
MODULAR DESIGN,
OPTIONAL RESOLUTION

WITH MORE THAN 80% TRANSPARENCY, NEXNOVO's DISPLAYS BECOME UNDETECTABLE WHEN VIEWING FROM FIVE METERS AND BEYOND.

NEXNOVO displays' high resolution ensures incredible graphics and motion effects that combine with transparency in ways that give artists and designers new possibilities for their creative vision.

Standard size can be used to assemble displays in various sizes, using the right resolution for the job.

Modules easily snap together with support frames. Back modules are made easier for cable connection.

10mm

7.5 x 8mm

5 x 8mm
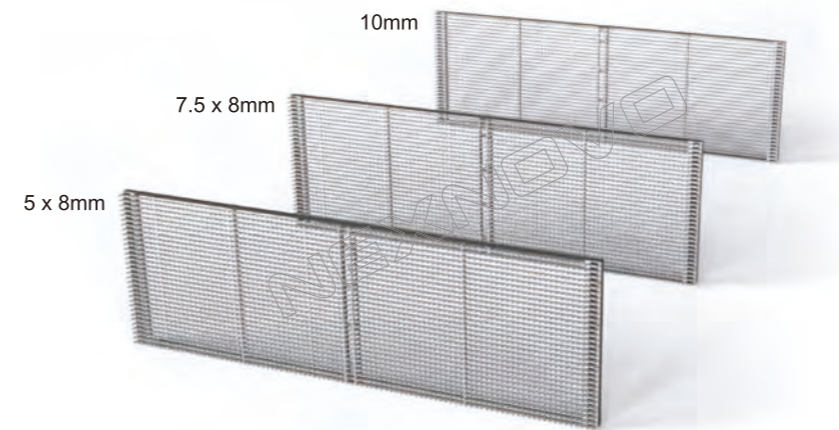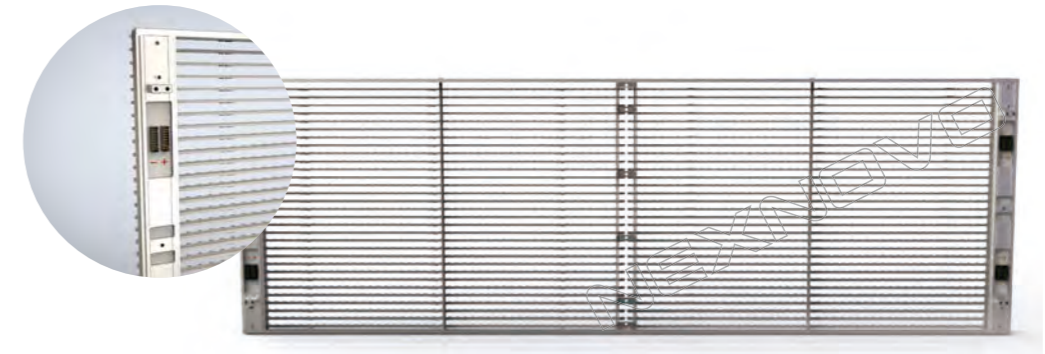
Different pixel pitch in same size module,it provide options for different resolution for same size display.

NEXNOVO DESIGN FOR
EASY MAINTENANCE

No need replace an entire module when only a pixel goes out. LED strips can simply be removed and replaced as needed. With repairs done in minutes and at low-cost, these displays can last for years.

CONTROL SYSTEM OPTIONS

SYNCHRONOUS CONTROL BOX

Nova-Star MCTRL300

Features:
1. DVI interface for video input
2. USB interface for instruction communication
3. Audio input interface integrated
4. Resolutions supported:1024×1200, 1280×1024, 1600×848, 1920×712, 2048×640
5. Light sensor interface integrated

ASYNCHRONOUS CONTROL BOX

Nova-Star PBOX100

Features:
1. Remote play-program publishing
2. Remote Monitoring
3. Multiple LED screens displaying synchronization
4. Maximum Resolution:800×600, 512×1024, 1024×512, 2048×256, 1536×384
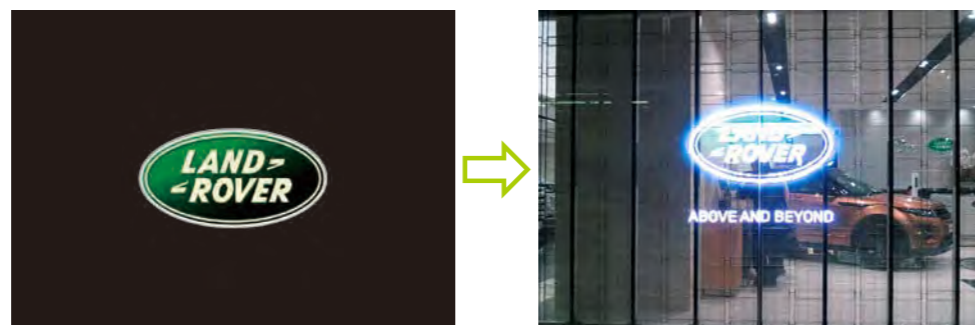5. USB disk import and Plug-and-Play

HIGH BRIGHTNESS & ENERGY SAVING

HIGH LUMINANCE

With up to 6000nit in brightness, the NEXNOVO displays are visible in bright day light. The high brightness makes them ideal for outdoor advertising or media architectural facades.

ENERGY SAVINGS

Saving energy is an important factor for many communities and decision makers. LED display offers one of the highest energy savings of any digital signage on the market. In comparison to non-transparent LED displays, NEXNOVO products normally display more black colour media content due to their transparent nature. Thus NEXNOVO LED displays on average safe more in energy consumption than non-transparent LED displays.
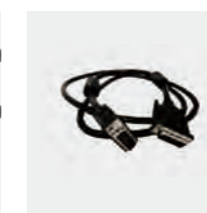
Other Accessories

Receiving Card

CAT5 Cable

DVI Cable

Plexiglass Cover

Flight Case

USB Cable

For more information about the control box systems, please visit www.novastar-led.com/en/index.asp
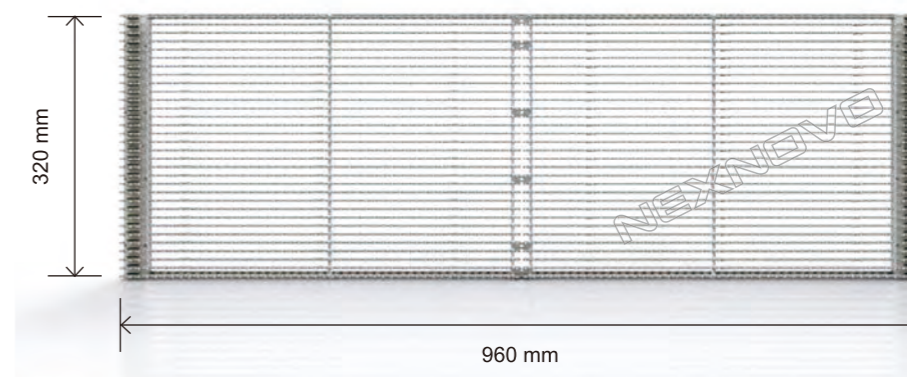
STANDARD MODULE SIZE

STANDARD SIZE CAN BE USED TO ASSEMBLE LARGER DISPLAYS, USING THE RIGHT RESOLUTION FOR THE JOB.

320 mm

107 mm

960 mm

BEST SELLING PRODUCT MODEL WITH HIGH BRIGHTNESS AND RESOLUTION, HIGHLY CUSTOMIZABLE.

XW SERIES

Model	XW5	XW8	XW10
Pixel Pitch (mm)	5x8	7.5x8	10
LED Model	SMD3528	SMD3528	SMD3528
Brightness (nit)	6000	6000	6000
Transparency	68%	68%	75%
Module Size (mm)	960 x 320	960 x 320	960 x 320
Module Resolution	192 x 40	128 x 40	96 x 32
Resolution (dot/m^2)	25000	16666	10000
Max. Power(w/m^2)	860	820	880
Avg. Power (w/m^2)	258	246	264
Ingress Protection	IP20	IP20	IP20
Refresh Rate (Hz)	1000 ~ 1500	1000 ~ 1500	1000 ~ 1500
Weight (kg/m^2)	12kg/m^2	12kg/m^2	12kg/m^2
Working Temp	−10~40 ℃	−10~40 ℃	−10~40 ℃

Displays can be hang or mounted on the window

Power supplies are build into the supporting frame, make it easier and faster for installation
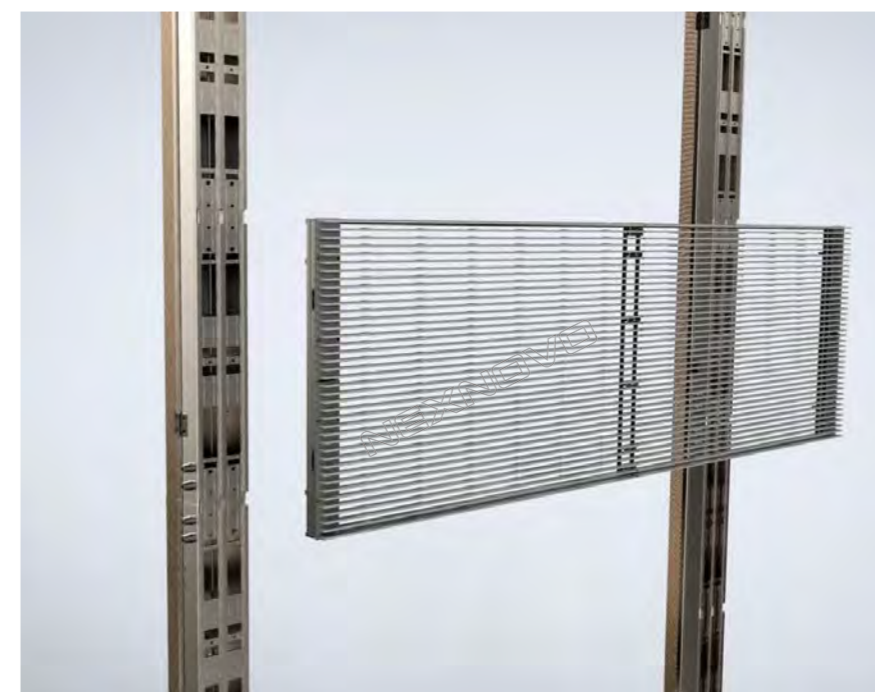
QUICK & EASY INSTALLATION

NEXNOVO transparent LED displays are modular and snap into place on support frames. At a maximum size of 960mm x 320mm (approximately 3.15' W x 1.05' H), the modules can be hand assembled with fewer vertical bars when creating larger, more powerful displays (as shown above).

Only hand assembly required. Modules easily snap together with support frames.

STANDARD MODULE SIZE

400mm

960mm

Front View

DESIGNED FOR RENTAL DISPLAYS, THE USER FRIENDLY DESIGN
MAKE THEM IDEAL FOR ENTERTAINMENT VENUES.

XR SERIES

Model	XR8	XR10
Pixel Pitch (mm)	7.5x8	10
LED Model	SMD3528	SMD3528
Brightness (nit)	6000	6000
Transparency	68%	75%
Module Size (mm)	960 x 400	960 x 400
Module Resolution	128 x 50	96 x 40
Resolution (dot/m^2)	16666	10000
Max. Power(w/m^2)	820	880
Avg. Power (w/m^2)	246	264
Ingress Protection	IP20	IP20
Refresh Rate (Hz)	1000 ~ 1500	1000 ~ 1500
Weight (kg/m^2)	12kg/m^2	12kg/m^2
Working Temp	−10~40 ℃	−10~40 ℃

Connection Among Modules

Power Supplies Connection

QUICK & EASY INSTALLATION
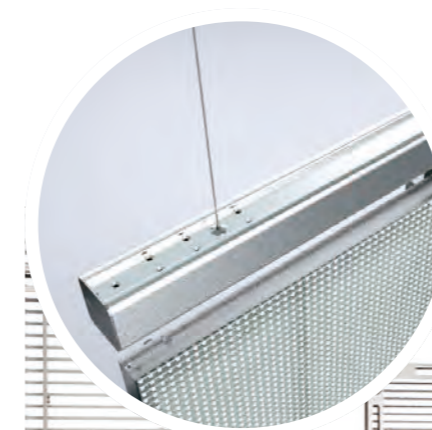
NEXNOVO transparent LED displays are modular and snap into
place on support frames. Standard size can be used to
assemble larger displays.

All power supplies and receiving cards
are build into the modules, and power
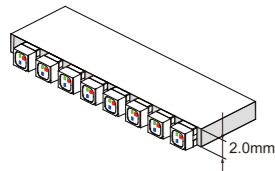cables can easily be connected.

A handle is build onto the
back of each module. This
design makes the modules
can be easily snap together
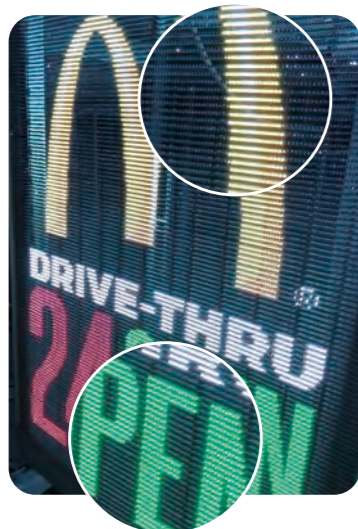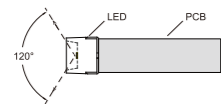or take apart.

Why we do not use side-lighting LEDs

NEXNOVO

2mm
2mm
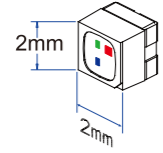
Standard encapsulation LEDs with stable performance. It makes minimum pixel pitch 2.5mm, and can choose accurate bin for display.

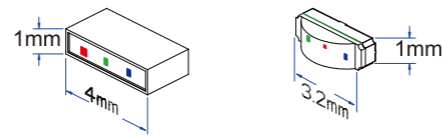2.0mm

2mm thickness maximizes the transparency
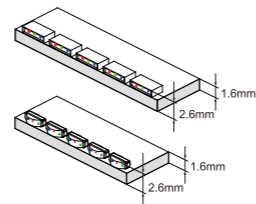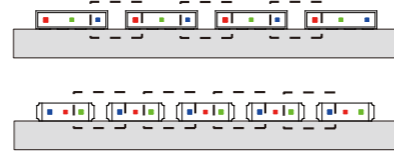

One LED one clear pixel, no confusion.

LED   PCB
120°

Full viewing angle.

Side-lighting LEDs

1mm
4mm
3.2mm
1mm

Irregular LEDs and difficult to make accurate bin for display

1.6mm
2.6mm
1.6mm
2.6mm

At least 2.6mm in thickness reduces the transparency.

Nearby LED chips make confusion between pixels

LED   PCB
120°
120°
LED   PCB
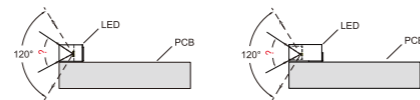
The edge of PCB cover part of the viewing.

CASE STUDIES

BlueShore
FINANCIAL
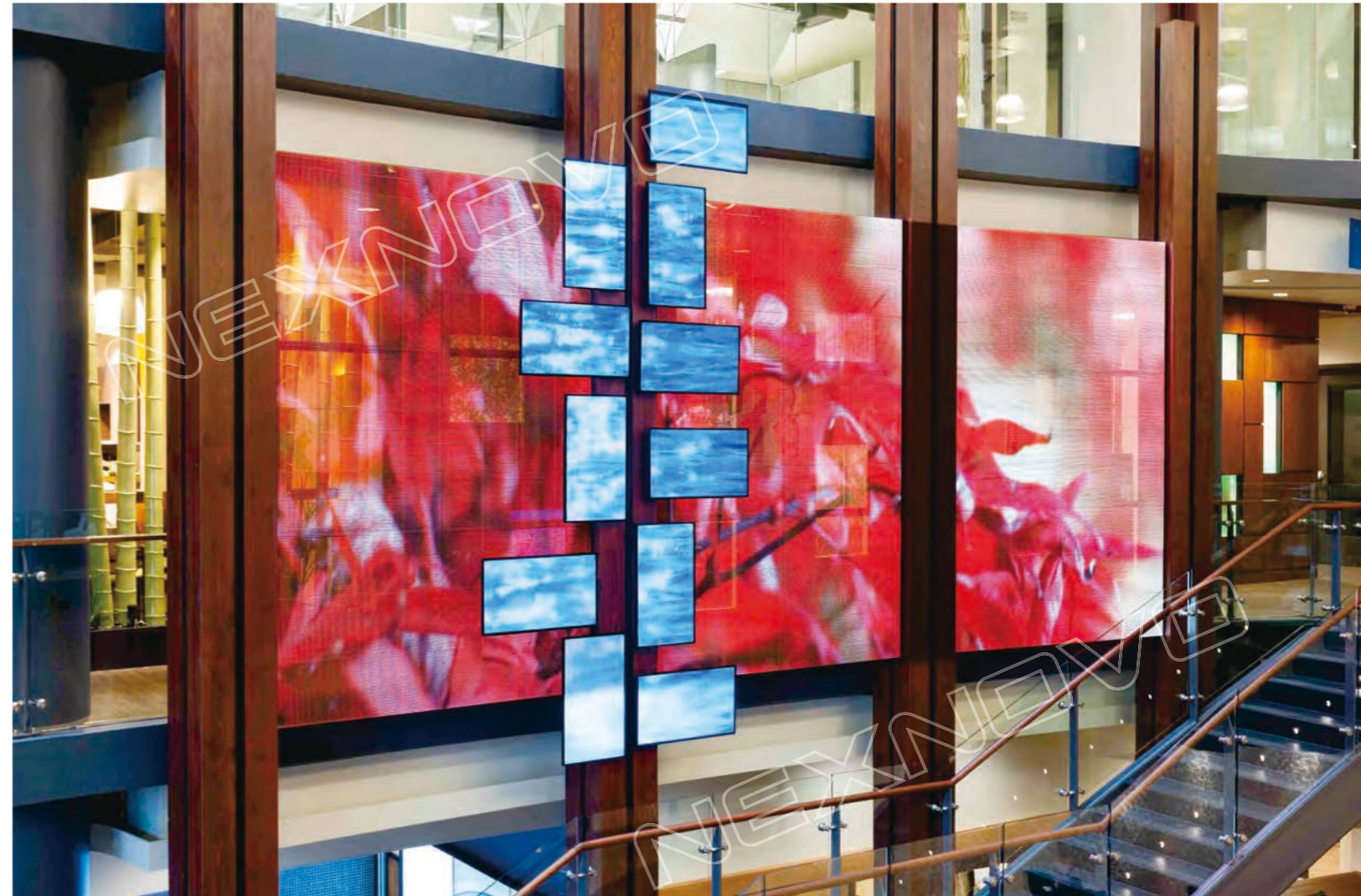
Model : XW5
Pixel Pitch: 5 x 8 mm
Brightness: 2500 nit
Dimension: 6.3ft x 9.4ft x 3
Location: North Vancouver, Canada

PRIMARK®

Model: XW10
Pixel Pitch: 10mm
Brightness: 3000nit
Area:250 m²
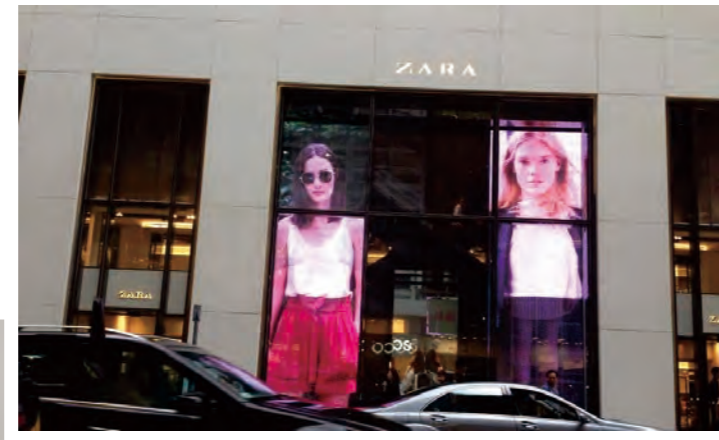Loacation: Calle Gran Via, 32, 28013, Madrid, Spain

Model: XT5
Pixel Pitch: 5mm x 8mm
Brightness: 6000nits
Location: Louisiana, USA

ZARA

Model : XW10
Pixel Pitch: 10 x 10 mm
Brightness: 6000 nit
Dimension: W 2.56m x H 8m x 2
Location: Hong Kong, China

周生生
Chow Sang Sang

Model : XW8
Pixel Pitch: 7.5 x 8 mm
Brightness: 7500 nit
Size: W 4.608m x H 2.56m
Location: Hong Kong, China

CALLIOPE

Model : XR8
Pixel Pitch: 8 x 8 mm
Brightness: 7000 nits
Size: (w)2.4mx(H)7.2mx2
Location: Milan, Italy

Model : XW8
Pixel Pitch: 7.5 x 8 mm
Brightness: 7000 nit
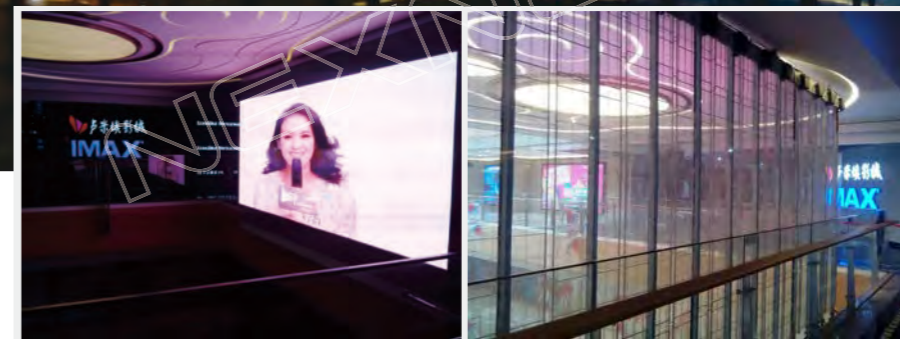Size: W 4.608m x H 2.56m
Location: Hong Kong

the mira

IMAX

Model: XW10
Pixel Pitch: 10 mm
Brightness: 6000 nit
Size: W 13.44m x H 3.2m
Location: Mira Hotel,Hong kong

Model: XW8
Pixel Pitch: 8 mm
Brightness: 3000 nit
Size: W 5632mm x H 2560mm
Location: IMAX theater,Chengdu,China

New Babylon

Model: XD16
Pixel Pitch: 16mm
Brightness: 6500nit
Area: 80.51㎡
Location: Den Haag, Netherlands

poalim digital

Model: XW5
Pixel Pitch: 5 mm x 8mm
Brightness: 6000nit
Size: (W)3.84m x (H)3.2m
Location: Israel
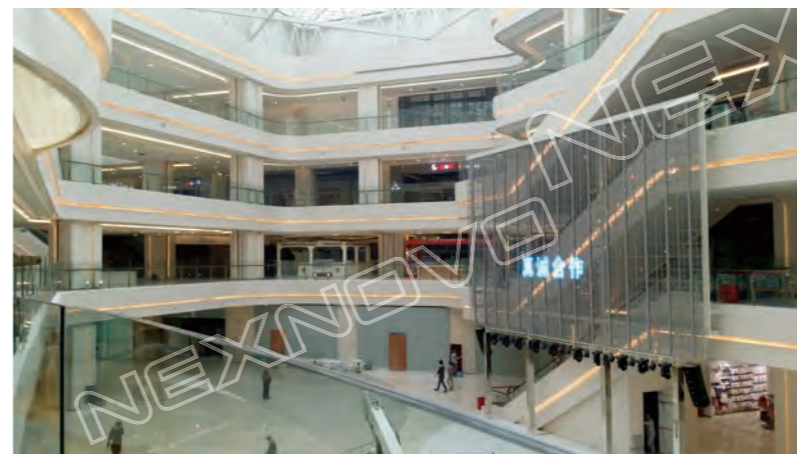
> 80% TRANSPARENCY

玻璃幕墙LED屏
开创者

万科

Model：XR16
Pixel Pitch: 16mm
Brightness: 3000 nit
Size: 14.4m x 8m
Location: Beijing

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f Facebook.com/NEXNOVO

Head Office

Taiminghui Industrial Park,Tiantou Community,Pingshan Street,
Shenzhen, China 518118
TEL: +86 135 5498 2689 EMAIL: sale@nexnovo.com

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