

## DYNAMIC SIGNAGE DISPLAYS

# DSID Series

## Revolutionise Your Space

Your brand is your business identity. Revolutionise your space and create the WOW factor your clients will remember.

The XON Series provides the ultimate screen technology presenting information on a large-format digital display ensuring your message creates a memorable experience. Lightweight, streamline and seamless construction allow for endless applications, shapes, and sizes. Perfect for wide viewing angles and from any distance.

Quality you can count on. Easy operation and maintenance ensuring your brand is always front and centre.

“  
**XON is a must for public  
 facing displays**  
 ”

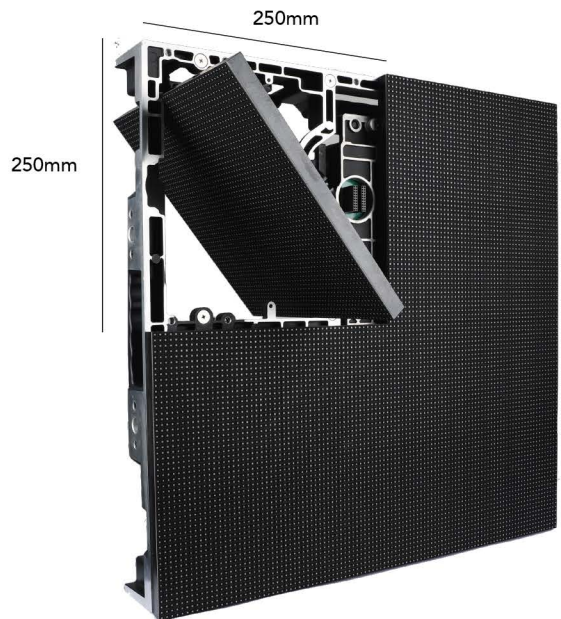
# Revolutionise your space

This LED display is designed to provide high-quality, clear and vibrant image for public transport areas. With its 2.6mm pixel pitch and high brightness, this display is considered the world's highest standard in Public Transport.

These displays is certified for use in challenging environments, with blast proof and vibration resistant features, making it ideal for use in car tunnels.

The LED control system provides a user-friendly interface for easy operation and the display supports a range of connectivity options to various CMS and traffic sensors.

Our 5-year warranty on all components offers peace of mind.



Any size screen configuration is possible at 250mm increments

Bonded Face Technology™

Nationstar Gold SMD

Intelligent Tile Technology™

Fanless Design

Fully Front Serviced

Reduced Power Consumption

Reduced Heat Load

Blast Resistant

Vibration Resistant

Earthquake Tethered Tiles

5Yr Warranty





**DSID  
XON**  
Series

Rail & Bus Platforms  
Hub Spaces  
Airports

Retail  
Building Lobby  
Wayfinding

# Create the **WOW factor** your clients will remember

**XON's core technologies come together to generate an immersive experience unlike any other.**

The XON Series uses the highest quality components, for applications seeking to push the boundaries and elevate your brand like never before.

**DESIGN**

The XON Series addresses the challenges faced by traditional video wall installations including: easy mounting and alignment, reliability for extended operation, service and maintenance access and most importantly display management.

**TRUE COLOUR**

Bring details to life like never before using inherent colour quality and superior colour purity. A dramatic visual experience producing vibrant and natural colours.

**CONTRAST**

The XON Series uses state of the art technology to produce its ultimate contrast ratio. Utilising Micro LED technology allows increased space between pixels this space is then filled with black resin to create the ultimate black display face.

**BONDED FACE TECHNOLOGY**

Our Bonded Face Technology ensures a high level of durability with resilience against external impact, static electricity, dust and humidity, keeping maintenance to a minimum for the lifetime of the screen.



### Water Resistant

Withstands liquid splashes



### No Damage

Strong and rugged design  
for exceptional durability



### Cleanable

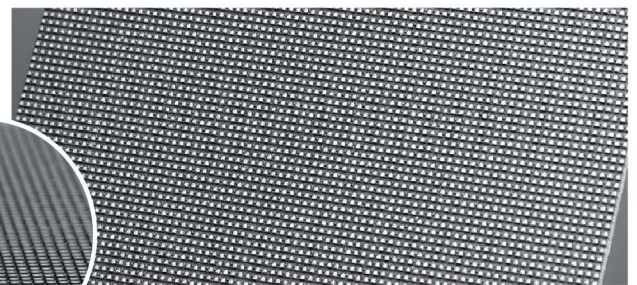
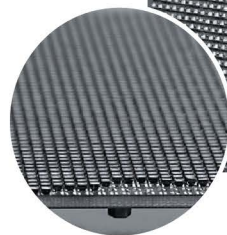
Smooth even surface,  
easy to keep clean.

### Bonded Face Tech (BFT)™

Standard LED screens have pixels mounted on a Printed Circuit Board (PCB) using solder. The solder makes the electrical connection so that the pixels can show video and images on the screen.

Since the solder is small, the pixels can be damaged when handling the screen. This can be avoided when adding BFT.

BFT protects the pixels and makes the surface smooth. It can even resist liquids and be dried off using a wet cloth.



Traditional LED without Bonded Face Tech



PIXON Bonded face tech

Product Specifications  
**DSID 2.6-1**  
 XON Series



**16 bit**  
 colour depth



**Rec.709**  
 wide colour gamut

**1200 Nits**



**UP TO 30%**  
 energy saving

**5,000:1**



contrast ratio for true blacks  
 and bright whites

**PRODUCT SPECIFICATIONS**

Product Name XON-DSID-2.6-1

**LED PARAMETERS**

Red - test condition 5mA, 2.0V	Light intensity : 22mcd	Wave length: 620nm
Green – test condition 2mA, 3.0V	Light intensity : 38mcd	Wave Length: 520nm
Blue – test condition 2mA, 3.0V	Light intensity : 5mcd	Wave Length: 470nm

**PIXEL PARAMETERS**

LED Type	Nationstar G-Wire SMD1515
Pixel Pitch	2.6mm
Pixel Composition	1R1G1B

**PARAMETERS OF LED MODULE**

Resolution (W x H)	96 x 96
Size of Module (W x H x T)	250mm x 250mm x 15mm
Bonded Face Technology TM	YES

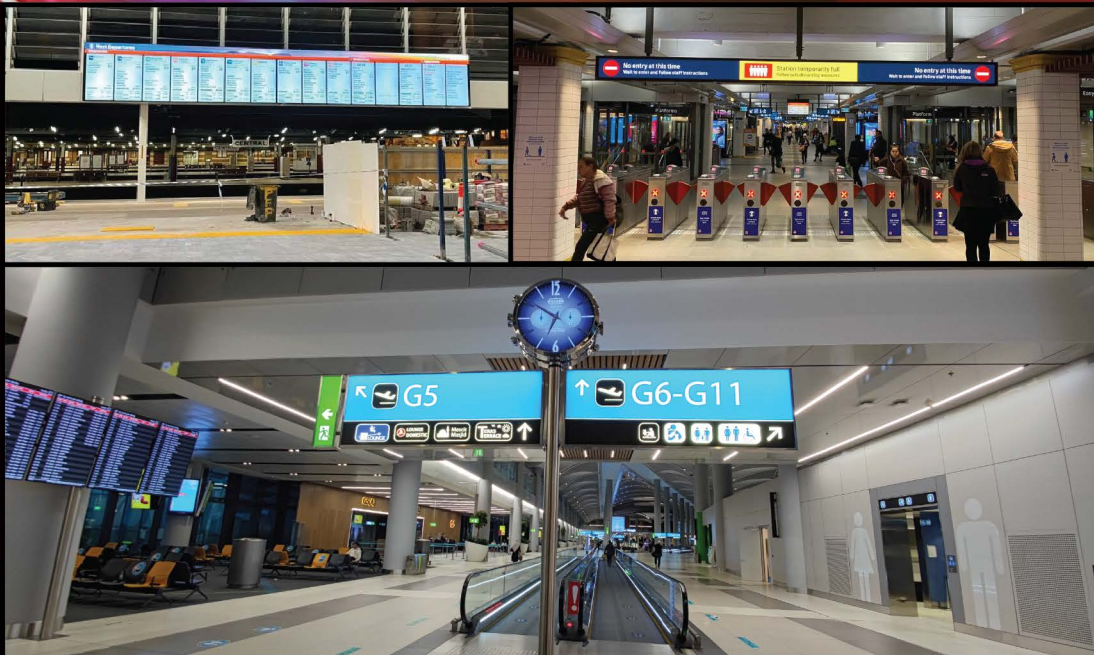
**PARAMETERS OF LED CABINET**

Resolution (W x H)	Custom
Module Arrangement	Custom
Module Flatness	≤0.1mm
Cabinet Size (W x H x T)	Custom
Weight	28Kg/m <sup>2</sup>

TECHNICAL PARAMETERS OF LED DISPLAY SCREEN	
Pixel density (pixel / m <sup>2</sup> )	147,456
Brightness	1200 cd / m <sup>2</sup> (can boost to 1,500 cd)
Viewing angle (H/V)	160°/160°
Flatness	≤0.1mm
Colour uniformity	±0.003 Cx, Cy
Max contrast	≥5000:1
Protection grade	IP 64
PARAMETERS OF CONTROL SYSTEM	
Processing / colour	16 bit
Type of driver	Constant current driver
Repetition frequency	60FPS 120FPS (3D)
Refresh	Standard: 3840Hz
Colour temperature	2500K ~ 10000K adjustment
Brightness control	Manual / Automatic / Programmed control
Pixel correction	Brightness and colour adjustment
Control mode	Synchronization Control
Control distance	RJ45 ≤ 120m Optical fiber ≤ 15Km
Software interface	Windows XP /7/8/10, Novastar
Input signal	HDMI, DVI
OPERATION PARAMETERS	
Power supply	Common Anode
Working voltage	AC: 100V ~ 240V (50~60Hz)
Peak power	≤740W/m <sup>2</sup>
Average voltage	200W/m <sup>2</sup> ~ 400W/m <sup>2</sup>
Continuous working hours (hrs)	≥7 x 24 hrs
LED lifetime	100,000 hrs
Malfunction dot rate	≤0.0001, Zero delivery
LED display temperature rise	≤5°
Operation temperature / humidity	-20°C ~ +60°C / 10 ~ 90%RH
Storage temperature / humidity	-40°C ~ +60°C / 10 ~ 80%RH

NOTE: Customisation available on request.

Downtown



**DSID XON**  
Series

*Create the WOW factor your clients will remember*

**PIXON**  
TECHNOLOGY

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