digiLED
THE LED SCREEN EXPERTS

NANO SMD

ULTRA FINE PITCH
MINILED DESIGN
ROBUST LED TECHNOLOGY
LOW POWER CONSUMPTION - COMMON CATHODE TECHNOLOGY
QUICK AND SEAMLESS INSTALLATION
OPTIONAL FRAME FOR WALL MOUNTING

NANO SMD

FEATURES

Ultra fine pitch

digiLED's NANO SMD gives you the option of pixel pitches down to 0.9mm, allowing you to create high resolution, 4K screens starting from much smaller dimensions.

MiniLED design

digiLED's NANO SMD uses MiniLED technology (pixel pitch 0.9mm only), meaning there are four pixels encapsulated within a cover, making your screen more robust and giving you a better contrast ratio.

NANO SMD PANEL
DIAGONAL DIMENSIONS

digiLED Application Experts

- Site surveys, install design & visuals
- Procurement / installation of screen surface & structures
- System commissioning & ongoing maintenance / warranty

Super low power consumption

With a max power consumption of 400 watts per sqm and an average consumption of 120 watts per sqm, NANO SMD has a super low power consumption.

Optional frame for wall mounting

Should your display need to be wall mounted, digiLED can supply you with a compatible frame for your NANO SMD screen.

Contact T +44 20 7381 7840 info@digiLED.com www.digiLED.com

NANO SMD

PRODUCT SPECIFICATIONS

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		NANO SMD 0940	NANO SMD 1250	NANO SMD 1560	NANO SMD 1880
Physical Pixel Pitch (HxV) mm		0.938	1.250	1.563	1.875
Pixel Resolution (Width/Height)	pixels/panel	640/360	480/270	384/216	320/180
Panel Dimensions	(W x H x D) mm	600 x 338 x 25	600 x 338 x 25	600 x 338 x 25	600 x 338 x 25
Standard Panel Area	m2	0.203			
Standard Weight	kg/m2	22.17			
Ingress Protection	(Front/Rear)	IP30/IP30			
Maintenance Access		Front			
Standard Refresh Rate	Hz	≥3840			
Uncalibrated Brightness*	nits	≥500	≥600	≥600	≥600
Calibrated Brightness*	nits	≥400	≥500	≥500	≥500
Input Voltage	VAC/Hz	100~250 50/60			
Max Power Consumption**	W/sqm	400	459	346	380
Typical Working Power Consumption**	W/sqm	120	138	104	114
Operating Temperature (min/max)	degC	-20/+40			
Certification***		(CE (IEC62386-1 TBC), FCC, ETL): TBC			
HDR****		(see foot note)			

All specifications are subject to change without prior notification. E&OE.
Specifications are for standard system configuration. Contact your digiLED expert for detailed specification.
*The figures shown for brightness are standard guidelines figures only and based on average test laboratory conditions.
** The figures shown for power consumption are standard guidelines figures only and based on average test laboratory conditions.
*** CE comes with IEC (EN) 62368-1
****HDR: Subject to system configuration and processing.

NANO SMD PANEL DIAGONAL DIMENSIONS

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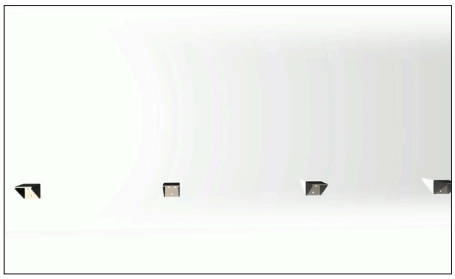
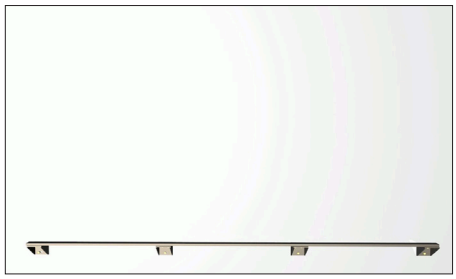
INSTALLATION FOR NANO SMD

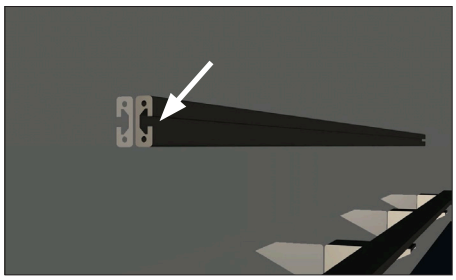


Fix angle brackets to wall surface using a levelling device.

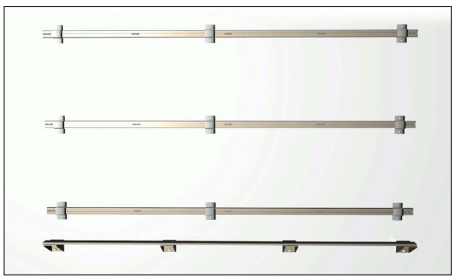


Lay horizontal bar across brackets making sure it is level and straight.

Fix wall plates horizontally up the wall.

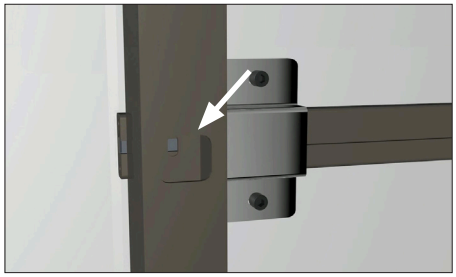


Note the profile of the horizontals. This provides easy slotted assembly.

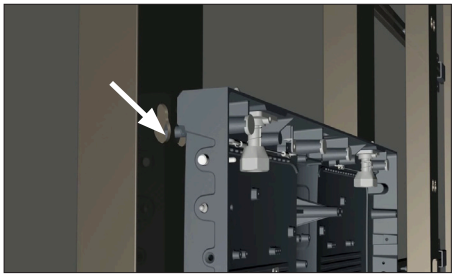


Use clamp plates to fix to the wall.

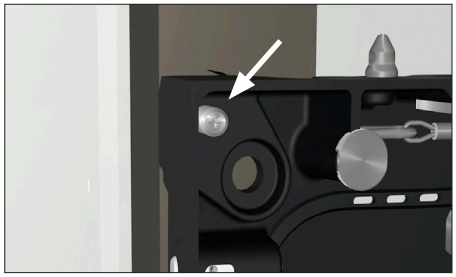
Attach vertical fixing plates to the horizontals.



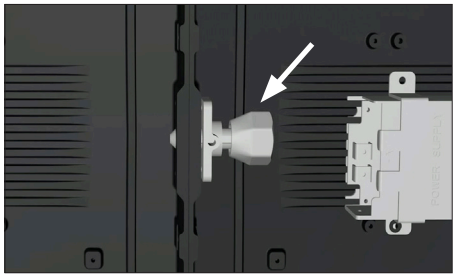
Note the profile of the verticals. This provides easy slotted assembly.



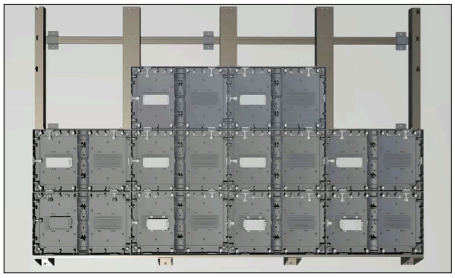
Align the fixing screw on the rear of the LED panel chassis which keyslots into the vertical beams.



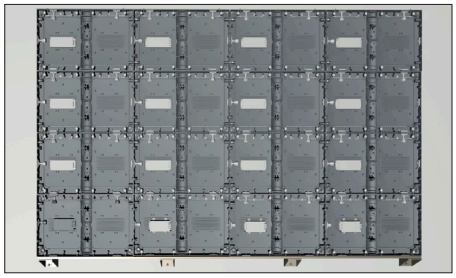
Turn the adjustment screw in or out to make sure the LED panel chassis is level with its neighbour.



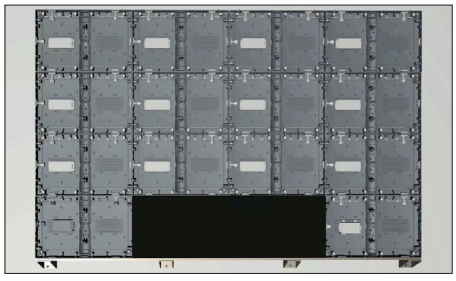
Fix and tighten the joining bolts to each neighbouring chassis.



Continue fitting all the screen panels.



Make any final adjustments and lay inter-connecting cables.



Populate the screen with LED tiles gently clicking into place.

Completed screen.

Connect content feed and enjoy truly pin sharp vivid imagery.

NANO SMD

APPLICATIONS

APPLICATIONS

Corporate Lobbies • Boardrooms •
Auditoriums • Retail • Venues • Arenas • Public Spaces