

digiTILE MAX

NEXT GENERATION OF digiLEDs LED TILE SCREEN SYSTEM



Aluminium LED Tiles

digiTILE MAX has a super flat tile base design. Created from aluminum, this product has exceptional heat dissipation. The extruded frames are also aluminum to allow for superior tolerances. digiTILE MAX can be supplied in bespoke cabinet versions too.

Front and Rear Access

Every component of digiTILE MAX is easy to access through both the front and the rear of the cabinet, with discreet hex screw fixings for LED tiles.

Image Quality

Get the best of the best with digiTILE MAX. We use Nationstar RS LEDs to give your screen better colour, accuracy and uniformity. digiTILE MAX boasts increased efficiency, higher levels of brightness and a longer life span that's energy saving.

Optional Super-Sized Cabinets

With digiTILE MAX you have the option to choose super-sized cabinets. You can also design your own framework to fit perfectly with any of your bespoke screen layouts -any combination of width or height up to 1280mm x 1280mm.

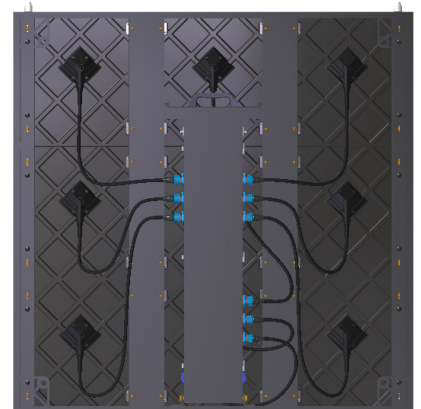
Hot Back Up Data Signal

Hot back up data signal emergency activation.

MBI5252 Driver ICs and NationStar RS Series SMD LEDs

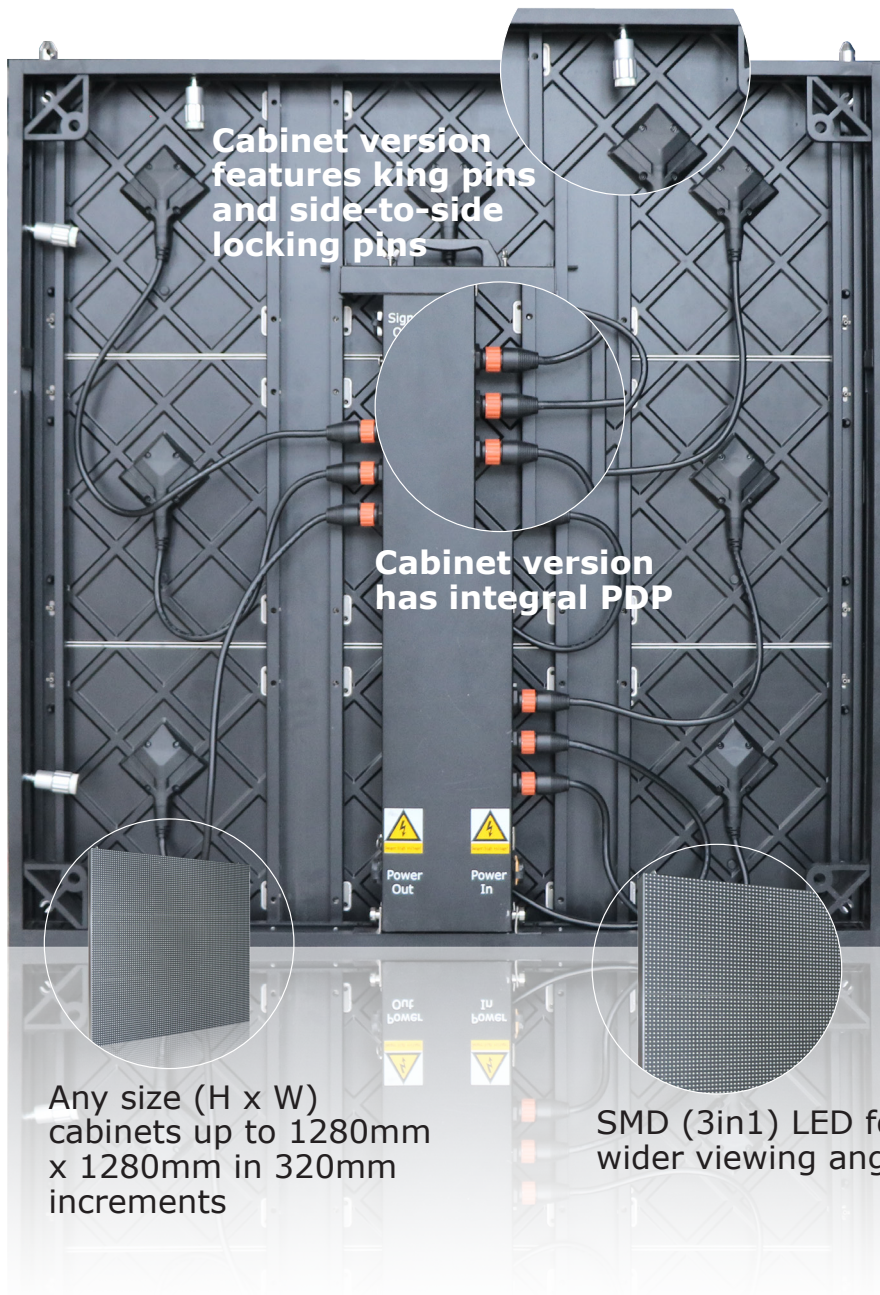
In Control 24/7 with Automatic Alerts

With a sophisticated, in-built monitoring system, you will receive automatic email alerts and reports on any over temperature, PSU or scan card issues should they arise. You will resolve these issues quickly and effectively, increasing up-time and ensuring a return on your investment.



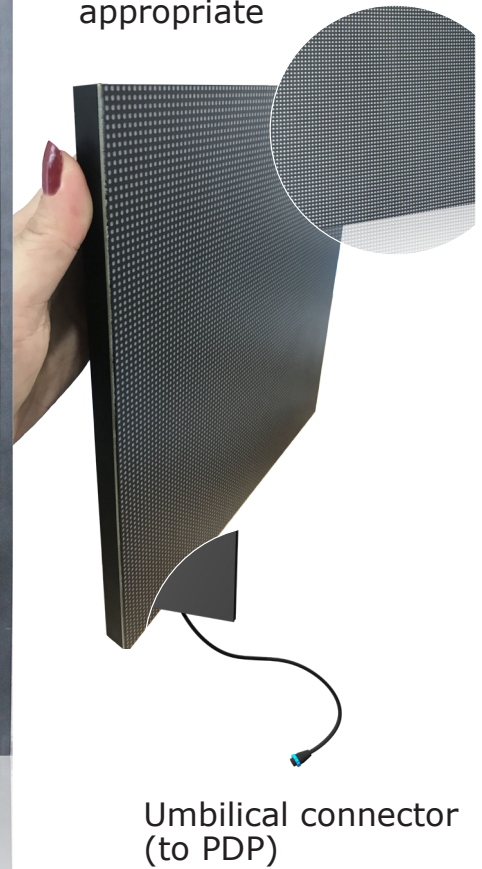
FEATURES

Cabinet version



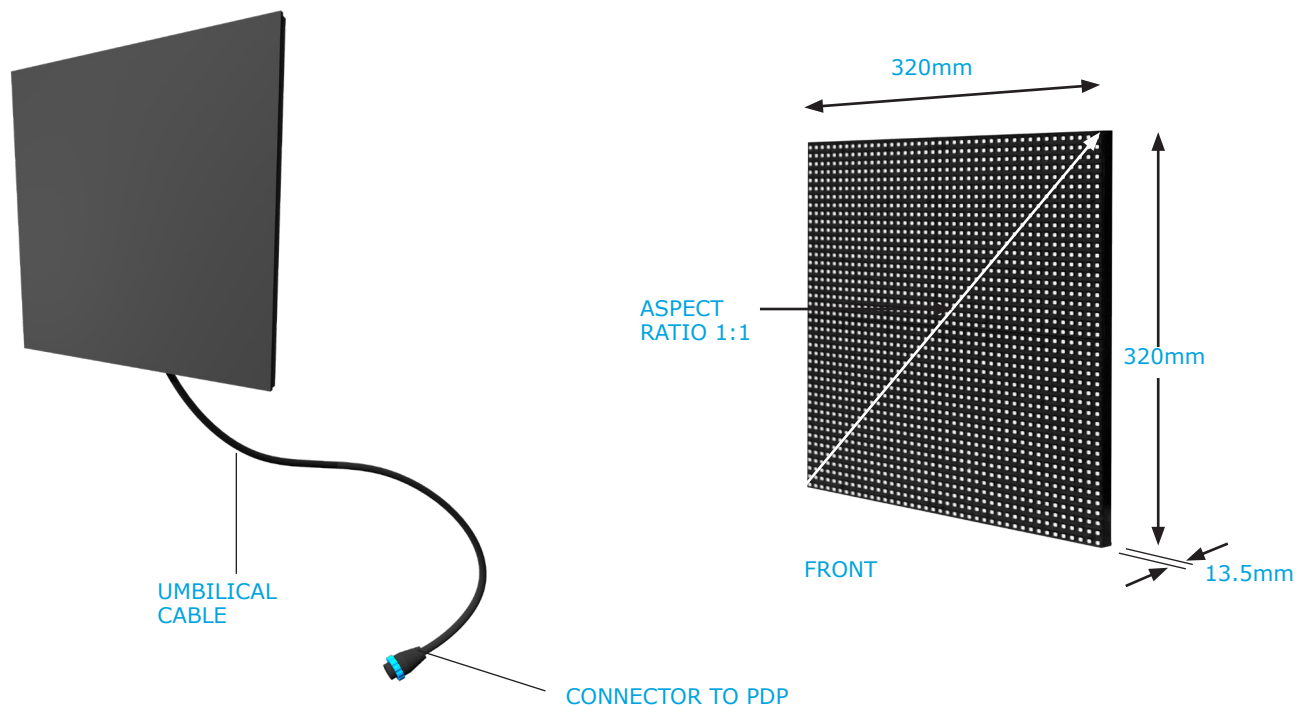
LED tile-only version

Individual LED tiles to attach to your bespoke support structure if cabinets are not appropriate



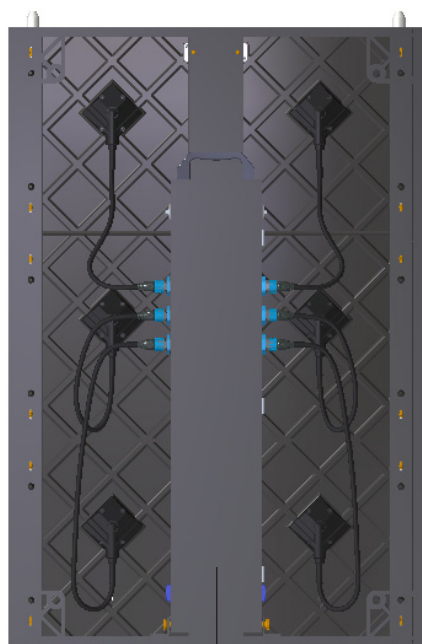
LED TILE & CABINET INFORMATION

digiTILE MAX LED tile



digiTILE MAX Cabinet

640 x 960mm CABINET
Rear view

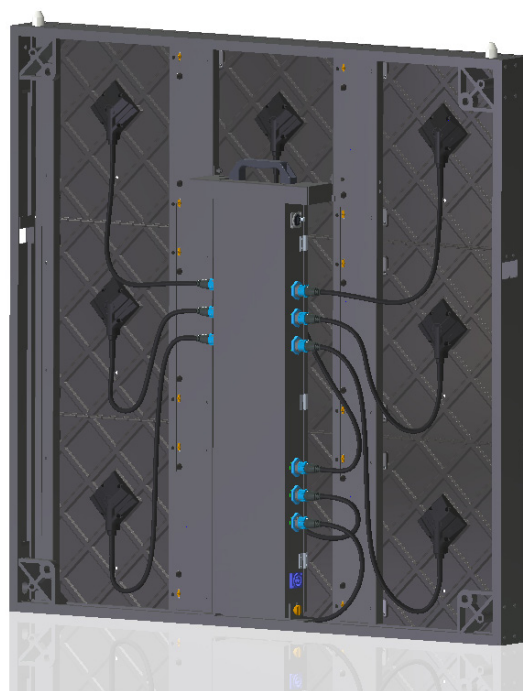


CENTRAL PDP (Removable)

640 x 960mm CABINET
Side view



960 x 960mm CABINET
Rear view



NOTE: Other cabinet sizes can be manufactured by special order up to 1280mm x 1280mm in increments of 320mm

SPECIFICATIONS

OUTDOOR		MAX3950o	MAX5710o	MAX6670o	MAX8000o	MAX10o
Physical Pixel Pitch (HxV) mm		3.951	5.714	6.667	8.000	10.667
Pixel Resolution (Width/Height)	pixels/panel	243/243	168/168	144/144	120/120	90/90
Tile Dimensions	(W x H x D) mm	320x320x13.5				
Panel Dimensions	(W x H x D) mm	960x960x116				
Other Panel Sizes	(W X H) mm	Any combination of 640, 960, and 1280mm in width and height				
Standard Tile Area	m ²	0.102				
Standard Panel Area	m ²	0.922				
Standard Panel Weight	kg/m ²	38				
Ingress Protection	(Front/Rear)	Indoor IP67/IP54				
Maintenance Access		All Front or All Rear				
Standard Refresh Rate	Hz	≥3,840				
Uncalibrated Brightness*	nits	≥6000	≥7000	≥7000	≥7000	≥7000
Calibrated Brightness*	nits	≥5000	≥6000	≥6000	≥6000	≥6000
Input Voltage	VAC/Hz	100~250/50-60				
Max Power Consumption**	W/sqm	629	629	629	629	629
Typical Working Power Consumption**	W/sqm	189	189	189	189	189
Operating Temperature (min/max)	degC	-20/+50				
Certification		3C, CE (IEC82368-1 TBC), FCC, ETL				
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 guideline figures only and based on average test laboratory conditions.

** The figures shown for power consumption are standard guideline figures only and based on average test laboratory conditions.

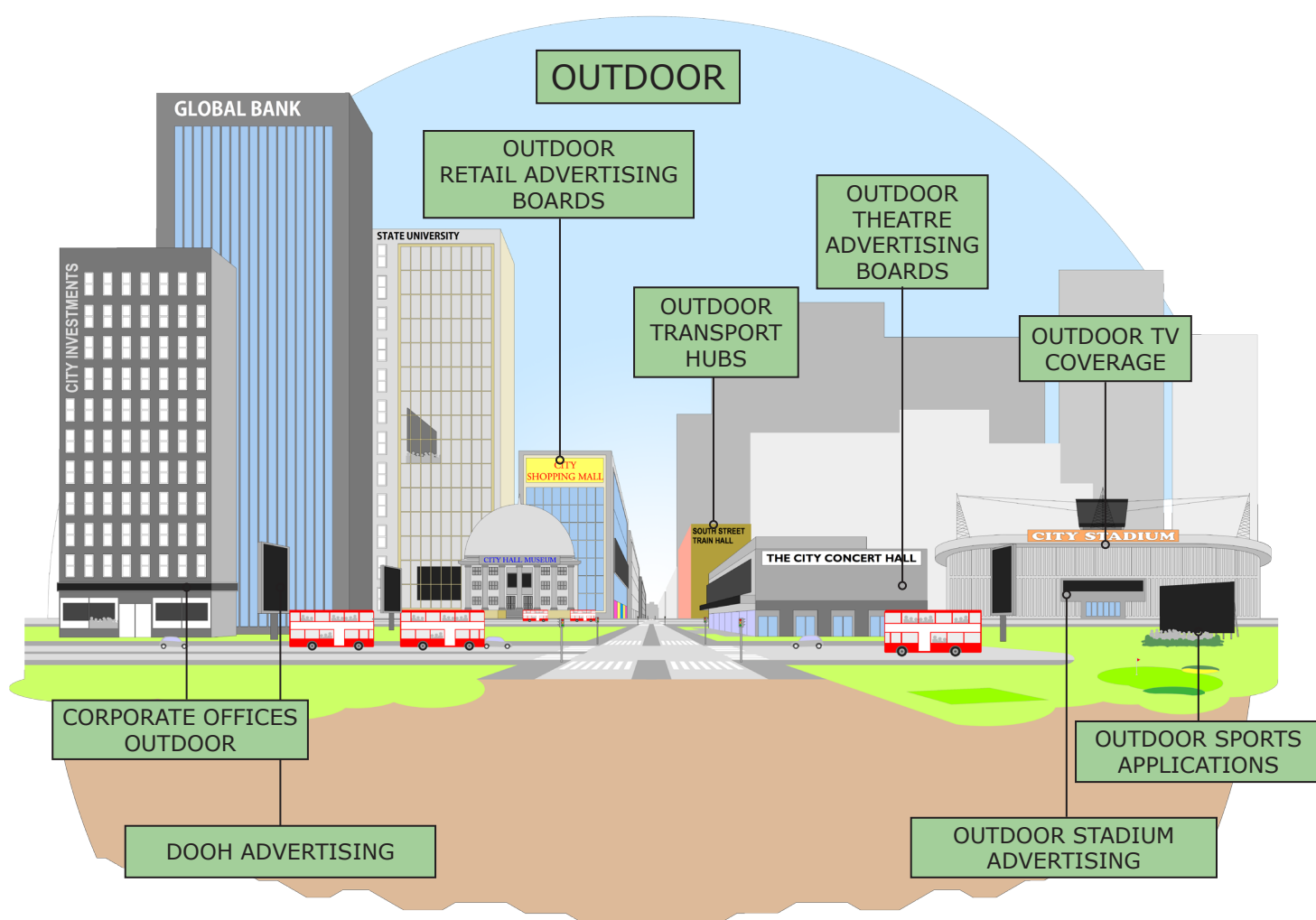
***HDR: Subject to system configuration and processing.

Standard spec includes RS2727MWAR or RS2727 MWAS Gold wire Epistar high brightness Nationstar 7000 nit SMD

2 sets Harting connectors per PDP. MBI5252 Driver IC. 4 layer PCB. Die cast aluminium tile base.

Note: if using 3 tile wide cabinets additional umbilical cable connection will be needed.

APPLICATION EXAMPLES



Our Ethos

Our goal is to do business with suppliers and customers whose company we enjoy and whose principles and values we respect.

We endeavour to be politely firm in our beliefs and steadfastly uphold our standards by doing the job correctly to produce quality products, supplied with loving care, to customers who cherish our systems and the enthusiastic, friendly expertise we strive to provide.

We love our work and are proud of our experience and our expertise. We want to do business with people who see the benefits of what we do and appreciate our input.

digiLEDers are keen to offer advice and an insight into our specialist knowledge without demanding a commercial return, if we can't convince customers of our value, we don't deserve their patronage.

Our Products

Huge, bright, vibrant, bespoke, digiLED screens are designed by seasoned LED experts, then crafted and assembled in selected, specialist factories.

Assembly, production and testing is monitored by the industry's leading QC team, using a proven 228-step manufacturing QC process paying meticulous attention to fine detail.

The resulting digiLED screens exhibit superior images, provide reliable performance and extended life. Supported locally by experienced, qualified, field and bench engineers. **digiLED quality just lasts.**

CONTACT US

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TALK TO US AND BE SOCIAL

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