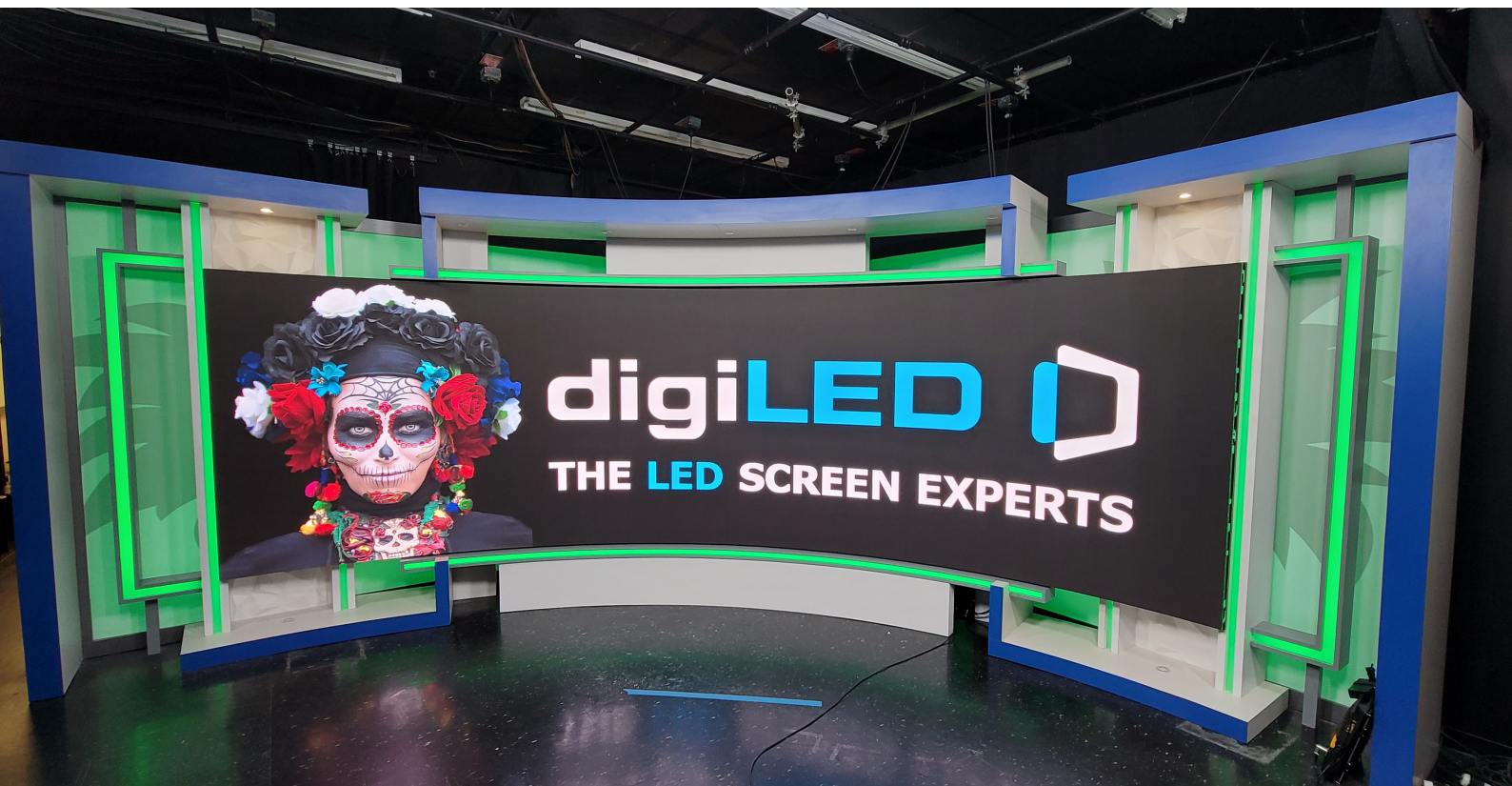


digiTHIN QXR



OPTIMISE YOUR WORKFLOW
GET THE SHOTS YOU NEED, QUICKLY & EASILY
POINT THE CAMERA AND ACTION...

- Zero installation damage risk
- Simple and straight-forward
- A sound investment
- Any aspect ratio
- External cable free
- Server to screen guaranteed genlock
- Matched or multiple refresh rates
- Lossless bit-depth brightness control
- Look-up-table or standard gamma pre-sets, independent controls for R, G & B channels
- Super smooth video capture on camera
- Lightweight - 28Kg per sqm
- Inbuilt edge damage protection
- Seamless fast-rig mechanics
- Integrated any angle organic curving (concave)
- 1,000mm x 250mm & 500mm x 250mm panel sizes
- Front service access including all internals
- Magnetic LED tiles
- Hot-swap components
- Calibration on-board memory

digiLED Application Experts

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

MMRT

(Matched / multiple refresh technology) - digiTHIN QXR works at the same refresh/ frame rate as any studio (or a multiple of it). The system can also be genlocked to house systems ensuring images are captured, scan and flicker free.

Optimised pixel geometry

Close to 180 degree viewing angle with negligible colour shift and graduated brightness fall-off. Shot management/talent placement is straightforward with minimal colour shift across the LED volume meaning images can be captured even at extreme viewing angles.

REC. 2020

As the industry begins to standardise on REC. 2020, your LED volume needs a pixel that can provide.

The customised LED of digiTHIN QXR is specifically designed to closely comply with the REC. 2020 colour space. With a CIE1931 colour triangle pushed further than ever before, digiTHIN QXR combines nit-busting light output with the dominant RGB wavelengths, achieving an amazing 96% of the total gamut.

Quick & Quick

In today's 24/7 studio, you need to have confidence in your kit's ability to load-in and rig quickly. The super-slick digiLED mechanics take the fuss out of building perfectly aligned, flat screens that are completely seamless. And the best part, your technical team and freelancers will love working on your jobs.

Protection for your investment

When your wall is built, you won't need to worry about how many corner pixels have been damaged during the rig. The inbuilt edge damage protection safeguards your investment, making sure that when the screen is up, it's ready for showtime.

Image quality

digiLED's image quality is renowned in the LED screen industry, but ultimately this is just a function of component selection, QC and processing path. The thing that you can be sure of is that we're using the highest quality single bin, single batch LEDs and Macroblock drivers, to deliver legendary images and camera friendly performance with refresh rates up to 3,840Hz.

Future proof

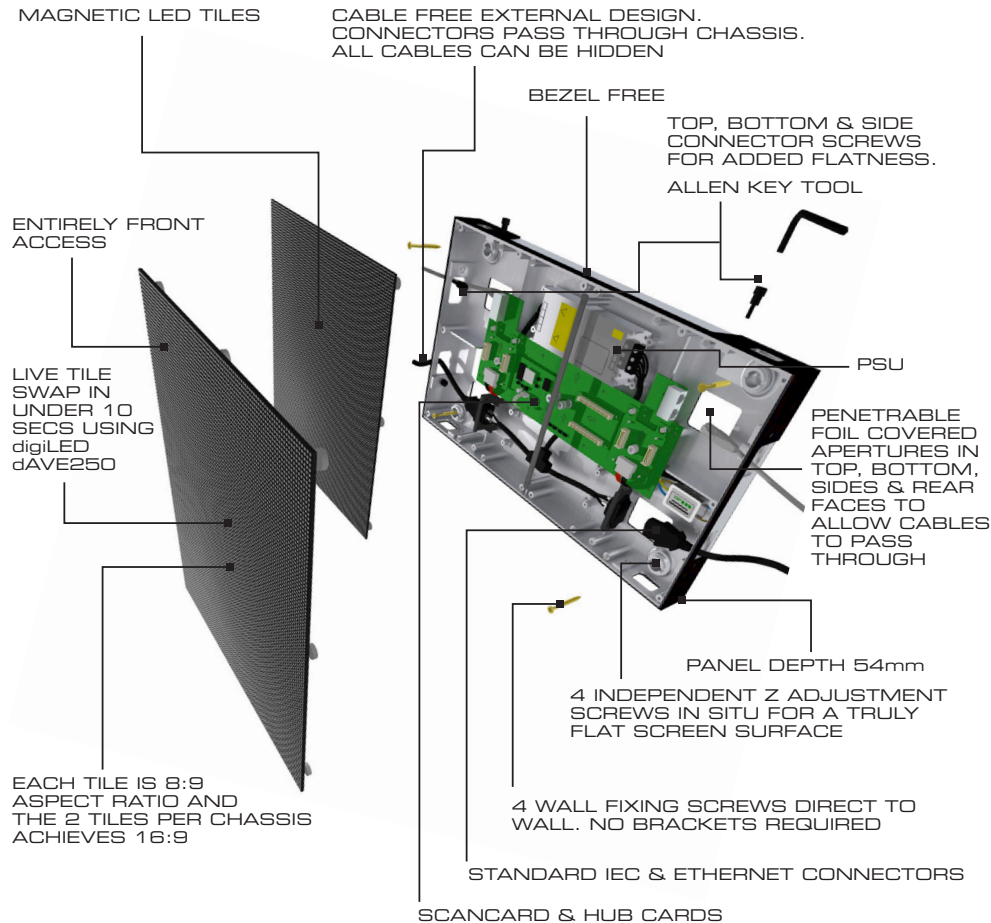
To further streamline your technical rig, digiTHIN QXR uses on-board calibration technology. On-board, because all LED data is saved to flash memory on the tile rather than having to use remote data that is tiresome to manage and easy to corrupt. Our ethos is that calibration is not for the now; it's about future-proofing your screen's uniformity. We use the very best LEDs with tightly defined wavelengths, but as all LEDs age slightly differently, our calibration technology gives us the ability, in years to come, to bring your screen back to its beautiful best, quickly, efficiently and with little fuss.

Simple maintenance

Between takes, if you need to make a hot-swap mid-shoot, you'll be grateful that there are just two components that need to be changed; either an LED tile or the PSU. And the bonus is, both can be done in about 15 seconds - max!

soFLAT® SCREEN TECHNOLOGY

Each digiTHIN QXR LED chassis has 4 independent unique z adjustment screws which enables the front surface of the screen to be adjusted for a truly level and flat surface eliminating any off angle lines and steps for an incredibly uniform image across the whole surface.



Zero installation damage

The traditional method of installing heavy cabinets inevitably leads to damage during installation. With digiTHIN QXR, the system is designed so that the THIN tiles weighing just 400g and are mounted after the chassis are in position, totally eradicating collision damage.

Reduced installation costs

With no expensive sub-frame required, due to direct wall mounting, digiTHIN QXR is quick and easy to install, with most displays taking less than one day.

A stunning screen

Starts with a super-smooth surface, and digiTHIN QXR's unique direct wall mounting Z-axis adjustment ensures a perfectly soFLAT® display to give superb totally flat wide-angle viewing experience even on uneven walls.



Simple, straight-forward installation

Our day long course provides systems integrators all they need to know to proficiently deliver perfect digiTHIN QXR projects.

Ease of maintenance

Is a key feature of usability. With an LED tile taking all of 10 seconds to swap, with cable-free connection, and every component easily accessible, digiTHIN QXR is a system that can be maintained by anyone.

Cable free

It's not just the screen surface that looks great, digiTHIN QXR's clean, external cable-free design will never look out of place, however stylish the environment.

A sound investment

With a potential lifetime of over 10 years, LED screens make a fantastic investment when compared to other display technology. Bigger, brighter, offering more impact and greater reliability.

digiTHIN QXR

PRODUCT SPECIFICATIONS

		digITHIN QXR2310	digITHIN QXR2620B
Physical Pixel Pitch (HxV) mm		2.315	2.604
LED Type (SMD)		1515 Gold Thread	2020 Gold Thread
Pixel Resolution (Width/Height) pixels/panel		432/108	384/96
Panel Dimensions (W x H x D) mm		1000x250x45	
Optional Panel Dimensions (W x H x D) mm		500 x 250 x 45	
LED Panel Pro Aspect Ratio		16:9	
Standard Panel Area m2		0.25	
Corner Options Mitre angle (degrees)		90	
Standard Weight kg/m2		32	
Ingress Protection (Front/Rear)		Indoor IP30/IP30	
Maintenance Access		All Front	
Standard Refresh Rate Hz		≥3840	≥2880
Frame Rate Hz		144	120
Scan Rate		1:12	1:24
Uncalibrated Brightness* nits		≥1500	≥1300
Calibrated Brightness* nits		≥1300	≥1100
Processor		Novastar	NovaStar
Input Voltage VAC/Hz		100~250/50-60	
Max Power Consumption** W/sqm		720	660
Typical Working Power Consumption** W/sqm		216	198
Operating Temperature (min/max) degC		-10/+50	
Certification		CE (IEC82368-1 TBC), FCC, ETL, EMC, LVD, RoHS	
HDR***		(see foot note)	

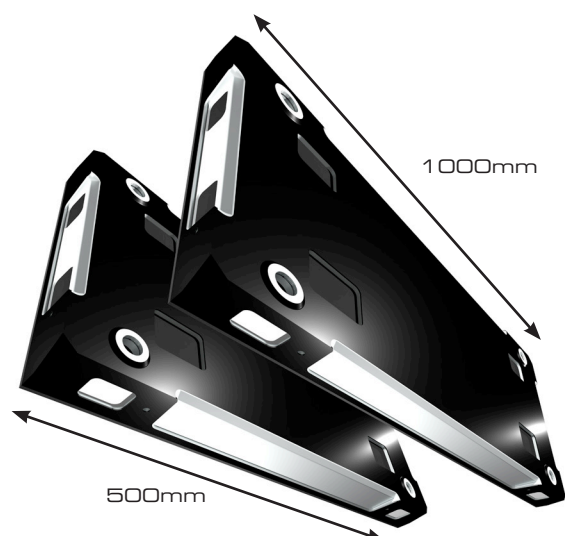
All specifications are subject to change without prior notification. E&OE.

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.

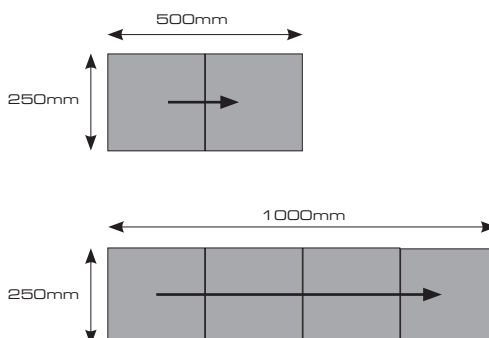
***HDR: Subject to system configuration and processing.



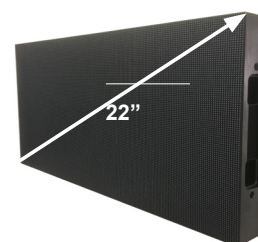
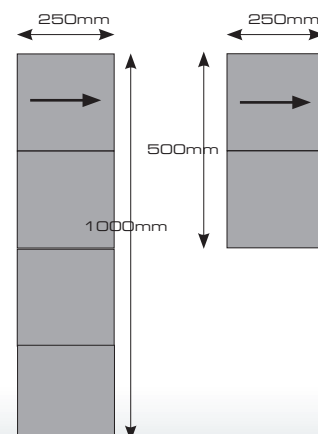
STANDARD SINGLE digiTHIN QXR PANEL

FIXING ORIENTATION OPTIONS

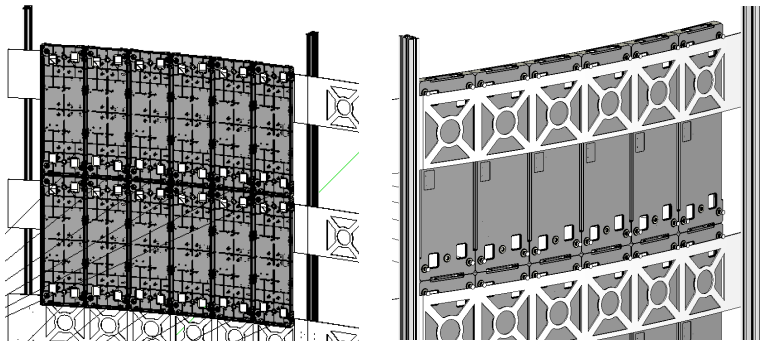
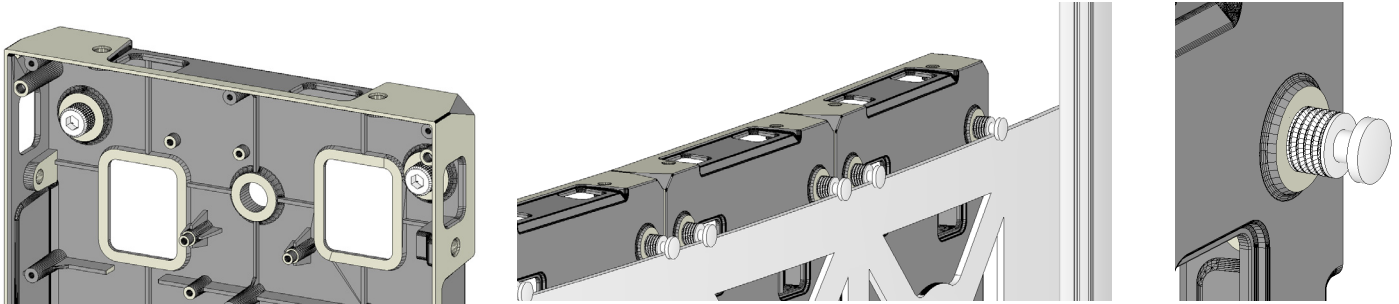
LANDSCAPE



PORTRAIT



Supporting Z adjuster and mushroom head support all in one fitting



Curving in concave plane using Z adjuster/mushroom head



Concave curving

digiTHIN QXR

APPLICATION EXAMPLES



Parx Casino Photoshoot Backdrop USA



APPLICATIONS

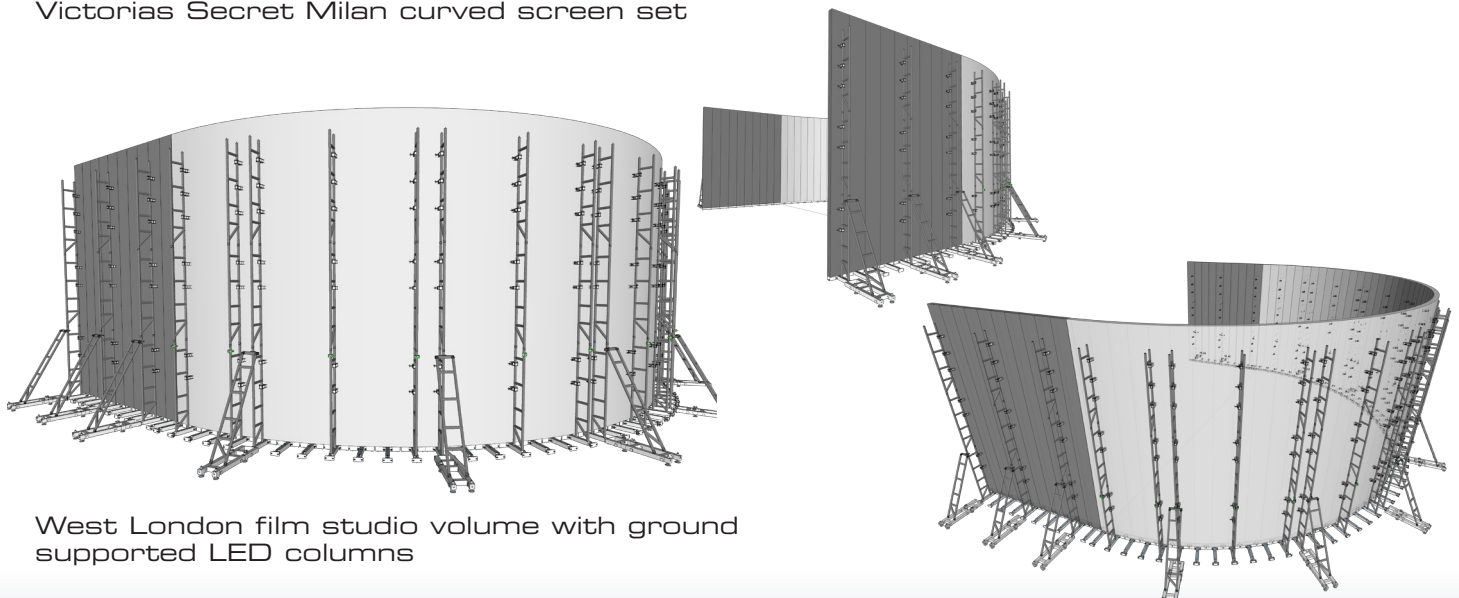
- TV sets • Film sets • Advertising shoots •
- Studio backdrops • Retail backdrops •

Seamless, smooth narrow faceting is possible with the digiTHIN QXR's extremely narrow width chassis design. Turn the LED panel vertical for invisible seam curving.

The fluid curving can be micro-adjusted between panels with the unique built-in non-fixed angle push-me-pull-you system between every facet seam.



Victorias Secret Milan curved screen set



West London film studio volume with ground supported LED columns