

digiTHIN HDR

REVOLUTIONISED HDR UPGRADE TO digiTHIN HD



Compatible with digITHIN HD

Using the same chassis parameters as digITHIN HD, digITHIN HDR is perfectly placed to fit seamlessly into your old or existing digITHIN HD screens footprint with minimal disruption.

Enhanced Version for Broadcast

Beyond the standard version, digITHIN HDR also has enhanced features that allow you confidence that the screen will suit any broadcast camera situation without flicker or deformation of image quality.

Amazing Picture Quality

Capture your imagination with amazing detail, brighter whites and richer blacks.

digILED ZEUS®

Included as standard is digiLEDs renowned Zero Energy Use System facilitating absolutely no electrical demand in its standby mode saving you cost and helping to save the planet.

Upgraded Electronics

Common cathode LEDs

Upgraded driver ICs

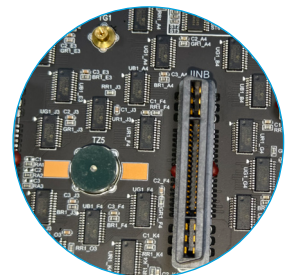
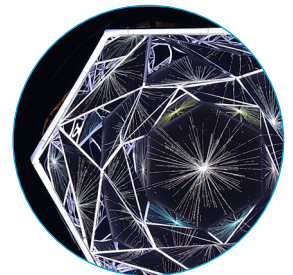
Upgraded and more efficient PSUs

Energy Saving

With improved component choice and efficient electronics digITHIN HDR can achieve up to 20% energy saving over our standard digITHIN HD

Enhanced Brightness

digITHIN HDR is capable of 1000nits after calibration, this is on average 200 nits better than the standard digITHIN HD which is capable of 800-900nits after calibration.

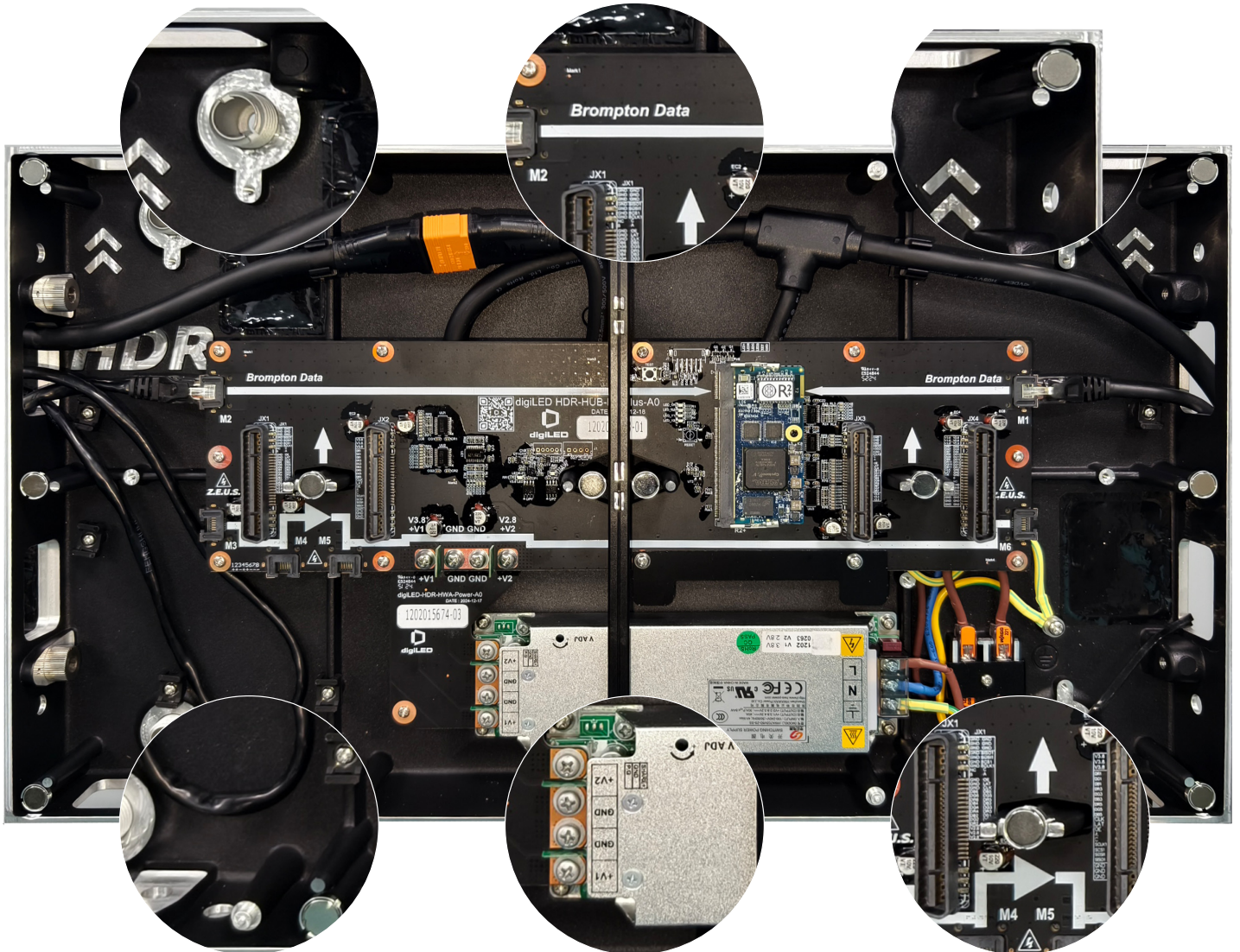


FEATURES

Improved Z adjusters

Brompton processor

Better quality chassis moulding

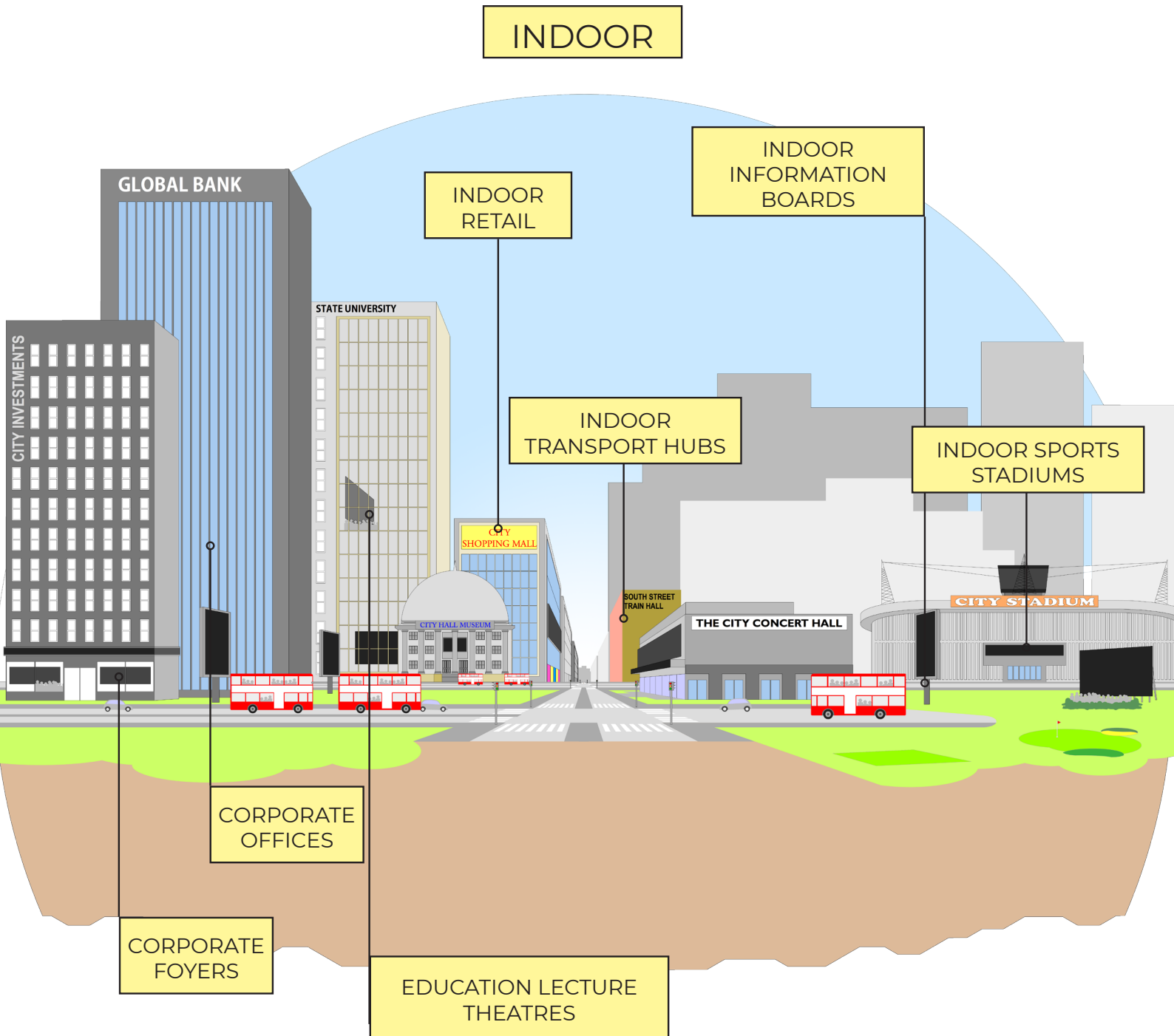


Lower and side mounted kissing pins for super accurate alignment

Improved and more efficient power supply

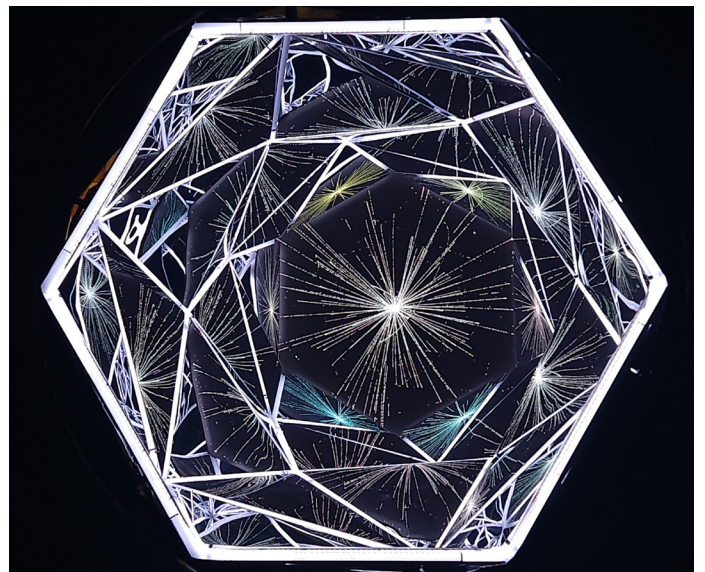
Improved Hub card connections

APPLICATION EXAMPLES



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Komodo Restaurant, SJ Lighting, USA



BRC Imagination Arts Oculus, USA

SPECIFICATIONS

INDOOR		digITHIN HDR1300	digITHIN HDR1560	digITHIN HDR2080
Physical Pixel Pitch (HxV)	mm	1.302	1.563	2.083
Pixel Resolution (Width/Height)	pixels/panel	384/216	320/180	240/135
Panel Dimensions	(W x H x D) mm	500 x 281.25 x 54		
Standard Panel Area	m ²	0.141		
Standard Weight	kg/m ²	32 (TBC)		
Diagonal Dimension	ins (metric ins)/mm	22 5/8" (22.6")/574		
Ingress Protection	(Front/Rear)	Indoor IP30/IP30 (TBC)		
Maintenance Access		All Front		
Enhanced Refresh Rate ****	Hz	≥2880	≥2880	≥3840
Uncalibrated Brightness*	nits	≥1200	≥1200	≥1200
Calibrated Brightness*	nits	≥1000	≥1000	≥1000
Input Voltage	VAC/Hz	100-240/50-60		
Maximum Power Consumption**	W/m ²	484	498	555
Typical Power Consumption**	W/m ²	145	149	166
Operating Temperature (min/max)	degC	-20 to +50		
Certification***		CE (IEC62386-1), EMC, LVD, FCC, CCC, UL, RoHS, TÜV, TÜV Pull test, ETL (TBC)		
HDR****		(see foot note)		

Specifications are for standard system configuration. Contact your digiLED expert for detailed specification.

Standard refresh rate >1,920Hz, upgrade refresh rate 3,840Hz unless otherwise stated.

Enhanced Brightness are subject to LED & driver IC selection - to be confirmed at the point of order.

**The figures shown for brightness are MCAB (maximum consolidated average brightness) measured over a 3 year period.

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

*** CE comes with IEC (EN) 62368-1

****HDR: Subject to system configuration and processing. With enhanced Driver ICs capable of up to 1:24 scan rate.

E&OE.

digiLED ZEUS®

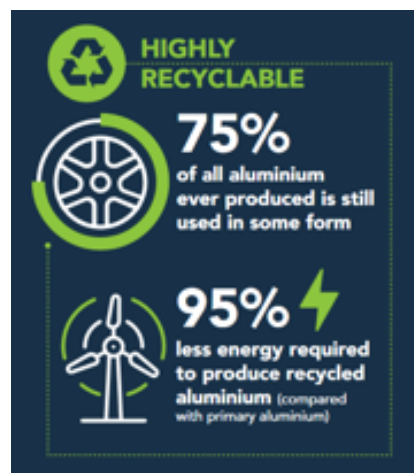
LED Screens used in commercial installations rarely operate 24/7. Venues and auditoriums don't have a permanent audience. A dirty secret of our industry is that often, when a screen is not in use, it is simply displaying a black image or video. The power is still live, using 7% to 17% of the maximum energy consumption or, looked at another way, up to 50% of the average energy usage!

Designed in the UK, digiLED's patented digiLED ZEUS® stands for "Zero Energy Use System". A screen set to black with digiLED ZEUS® will use ZERO power. More details can be found on digiLED ZEUS® in the dedicated digiLED ZEUS® brochure.

Recyclable Material

Aluminium is used extensively in digiLED's LED tiles and the frames/chassis. As one of the most widely recycled materials on earth, this gives excellent options when considering how to dispose of an end-of-life digiLED screen.

LED tiles that are constructed out of aluminum retain a high materials value at the end of their life. These are much more likely to be shredded and metal-extracted before waste processing is considered complete.



Copper also makes up a large percentage of the product by weight - again, easily recyclable.

RoHS standards are closely monitored during production (and other international standards appropriate to the region). An example of this is the environment, chemical and processes audit of one of our production lines by Sony before they approved the use of digiLED.

Direct-to-wall Mounting:

Fixing an LED screen directly to the wall, without a frame, eliminates the need for the manufacture of a metal structure, saving time, money and travel/transport costs. No additional materials or bracketry need be used, the LED panels are mounted to an approved building material, typically plywood, MDF or plasterboard such as Gyproc Habito.

228-Step Production Plan

The digiLED 228-step Production Plan helps us manage processes so we can hit schedules and plan logistics efficiently, therefore avoiding the need to revert to air freight which uses 44 times more CO₂ than a ship. The 228-Step Production Plan also ensures that digiLED makes high quality products, meaning that it will give years of reliable, trouble-free service; the best decision for the environment is not to buy on price but to buy a product that will last for years.

Shipping

Sea freight is prioritised as the shipping method from China as it uses 44 times less CO₂ than air transport delivery.

Serviceable

digiLED always briefs clients that a well-maintained screen will have a life expectancy of 10 years plus. As a company, we stand by this by offering tech support and parts for all legacy products. Currently, the oldest clients screen supported by digiLED is 14 years old and requires windows XP to operate it - but it still operates.

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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SALES OFFICES IN MILAN, THE HAGUE, NANTES AND TOKYO

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