digiTHIN HD MAX

PREMIUM PRODUCT
5 YEAR WARRANTY

digiLED

THE LED SCREEN EXPERTS

digiTHIN HD MAX

Bigger Panel Size For Faster Install

Large format 960mm wide x 540mm high chassis (faster installation, less electronic parts)

Flipchip Technology

Flipchip technology (energy saving, high brightness output, up to 2,500nits calibrated)

Improved Contrast - Deepest Blacks

ink injection process (unprecedented contrast ratio, deepest black levels)

Choice of Screen Processing

Choice of processing: Novastar, Brompton, Quantum (suitable for control rooms, design studios, XR Studio, etc.)

5 Year Warranty

As with all digiLED Premium products, digiTHIN HD MAX comes with a 5 year warranty. Contact your local Service Lab via online RMA for our renowned fast turnaround.

42mm

digiTHIN HD MAX screens offer fail-safe performance. We understand how important reliability is, that's why **digiTHIN HD MAX** has been designed with redundancy built-in wherever possible. This includes power and data paths, and the option to add in-line back-up power and data cards.

digiTHIN HD MAX has the ability to be mounted directly to the wall, allowing your installation to be completely frameless.

Sleek, thin, minimalist - call it what you want. The most striking thing about **digiTHIN HD MAX**, apart from the stunning image quality, is its slender good looks, with a depth of just 42mm.

We provide a simple and straight-forward **digiTHIN HD MAX** installation course. Our day long course provides systems integrators with all they need to know, we show them how to proficiently deliver perfect digiTHIN projects.

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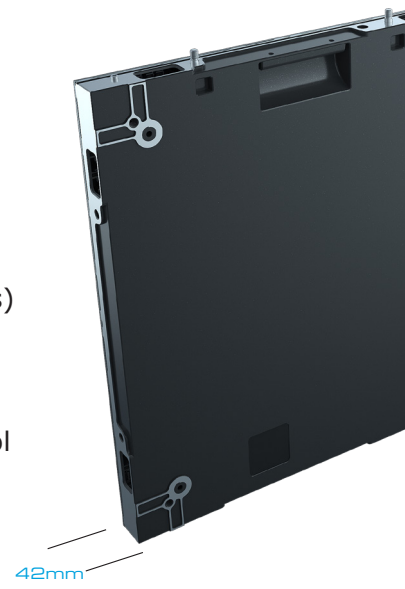
digiTHIN HD MAX

True 16:9 Aspect Ratio

With its new large format 16/9 aspect ratio LED panel, digiLED builds on best-selling product **digiTHIN HD MAX** to improve speed of installation, image quality and energy consumption. All **digiTHIN** products are true 16:9 and can be configured to exact HD resolution; not over, not under, but EXACT 1920x1080p, so you'll never need to crop or stretch your content.

Slim, Simple, Sleek and Swift Installation

Just like its smaller brother, **digiTHIN HD MAX** adopts a direct-to-wall mounting approach, meaning there is no need to use 3rd party frames. Its built-in patented z-adjusters allow to correct the unevenness of supporting walls. Adding its large form factor to the equation – 960mm wide x 540mm high – the screen's speed of installation is greatly increased.

Pixel Pitches

Pixel pitches from 1.25mm to 3.75mm address a wide range of applications, from control rooms to large venues. The latest flipchip technology, combined with ink injection, delivers unprecedented contrast ratio. Flipchip technology also brings improved energy efficiency and higher brightness levels, up to 2,500nits.

Power Saving Built In

digiLED's patented **ZEUS®** (Zero Energy Usage System) technology allows you to save even more power. Who is aware that most LED displays are left running even when no image is shown? The issue of inrush current and the risk of power tripping when they are powered back on is a little dirty secret of the industry. Built into **digiTHIN HD MAX** LED panels, ZEUS® solves this problem entirely. Energy efficient products when they are on as well as when not working – thanks to **ZEUS®**! - significantly reduces the cost of ownership of LED displays.

digiTHIN HD MAX

soFLAT® Screen Technology

Each digiTHIN HD LED chassis has 4 independent unique z adjustment screws. This 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 common across the whole surface.

BEZEL-FREE

PANEL DEPTH 42mm

MAGNETIC LED TILES

ENTIRELY FRONT ACCESS

PSU

LIVE TILE SWAP IN UNDER 10 SECS USING digiLED dAVE250
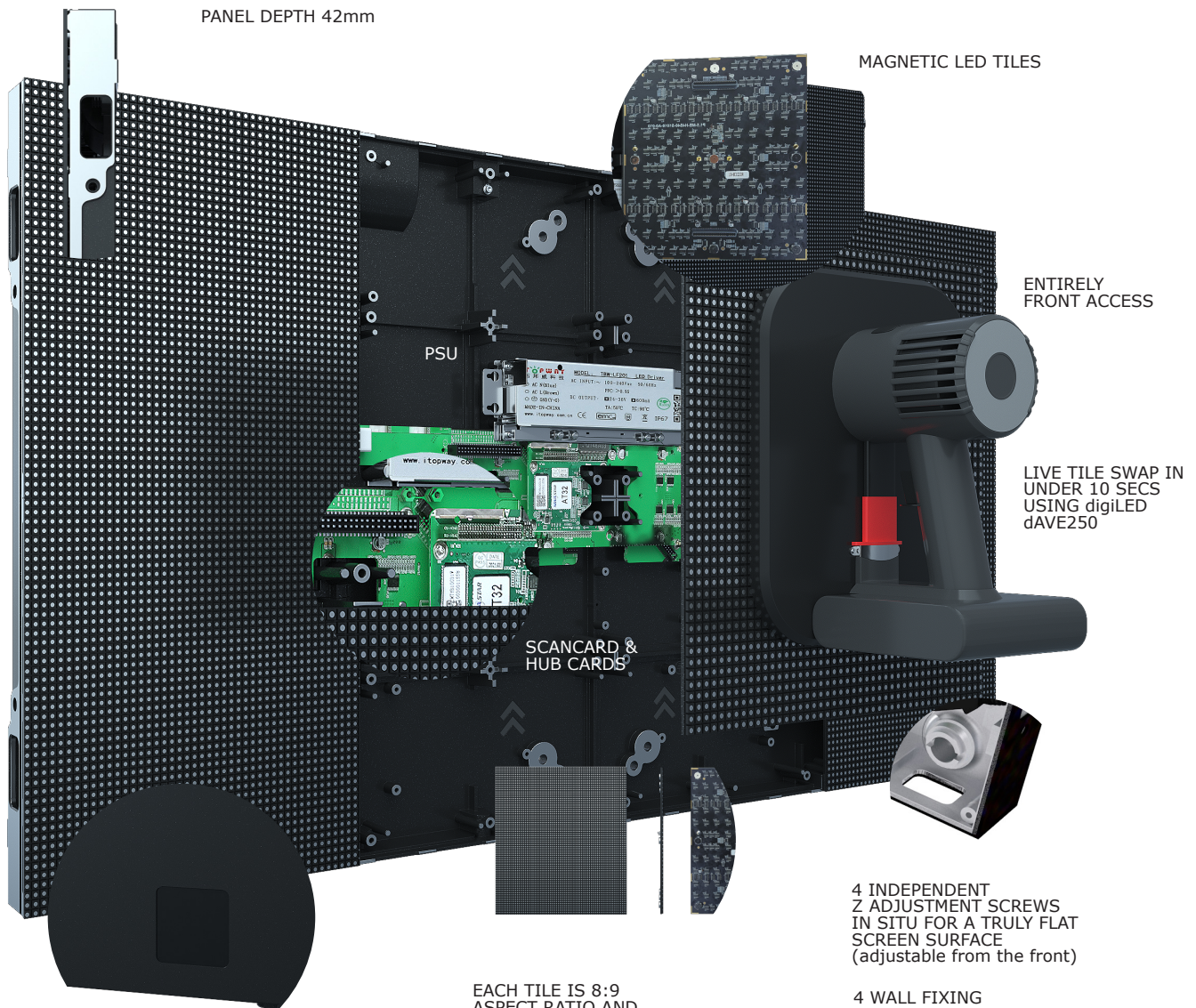
SCANCARD & HUB CARDS

4 INDEPENDENT Z ADJUSTMENT SCREWS IN SITU FOR A TRULY FLAT SCREEN SURFACE (adjustable from the front)

EACH TILE IS 8:9 ASPECT RATIO AND THE 8 TILES PER CHASSIS ACHIEVES 16:9

4 WALL FIXING SCREWS. NO BRACK-ETS REQUIRED

PENETRABLE FOIL COVERED APERTURES IN TOP, BOTTOM, SIDES & REAR FACES TO ALLOW CABLES TO PASS THROUGH

ALL CABLES CAN BE HIDDEN

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digiTHIN HD MAX

SPECIFICATIONS

INDOOR

		HD MAX 1250	HD MAX 1500	HD MAX 2000	HD MAX 2500	HD MAX 3750
Physical Pixel Pitch (HxV)	mm	1.25	1.5	2.0	2.5	3.75
Pixel Resolution (Width/Height)	pixels/panel	768/432	640/360	480/270	384/216	256/144
Panel Dimensions (W x H x D) mm		480 x 270 x 42	960 x 540 x 42	960 x 540 x 42	960 x 540 x 42	960 x 540 x 42
Standard Panel Area	m2	0.1296	0.5184	0.5184	0.5184	0.5184
Standard Weight	kg/m2	TBC	22.2	22.2	22.2	22.2
Diagonal Dimension ins (metric ins)/mm		3' 7 3/8" (43.364")/1101.5				
Ingress Protection (Front/Rear)		Indoor IP30/IP30				
Maintenance Access		All Front				
Enhanced Refresh Rate	Hz	≥7680 (Normal ≥3840)				
Contrast Ratio		3000:1				
Calibrated Brightness*	nits	600 - 2000	600 - 2500	600 - 2500	700 - 1200	800 - 1200
Input Voltage	VAC/Hz	100-240/50-60				
Maximum Power Consumption**	W/m2	465	465	465	465	465
Typical Power Consumption**	W/m2	240	240	240	240	240
Operating Temperature (min/max)	degC	0 to +40				
Certification***		CE (IEC62386-1), EMC, LVD, FCC, CCC, UL, RoHS, 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.
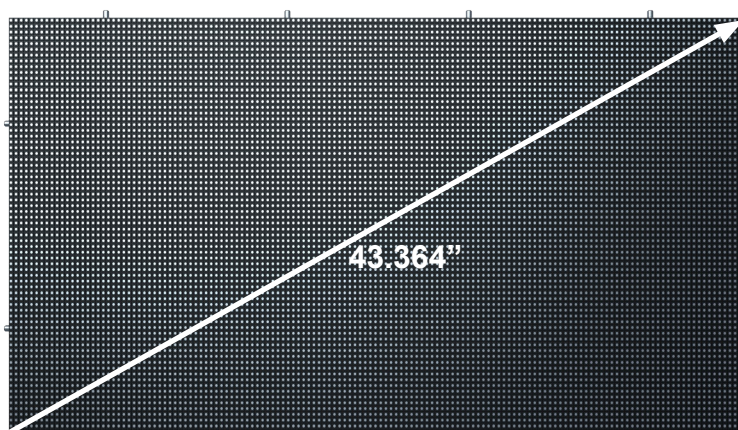Enhanced Brightness are subject to LED & driver IC selection - to be confirmed at the point of order.
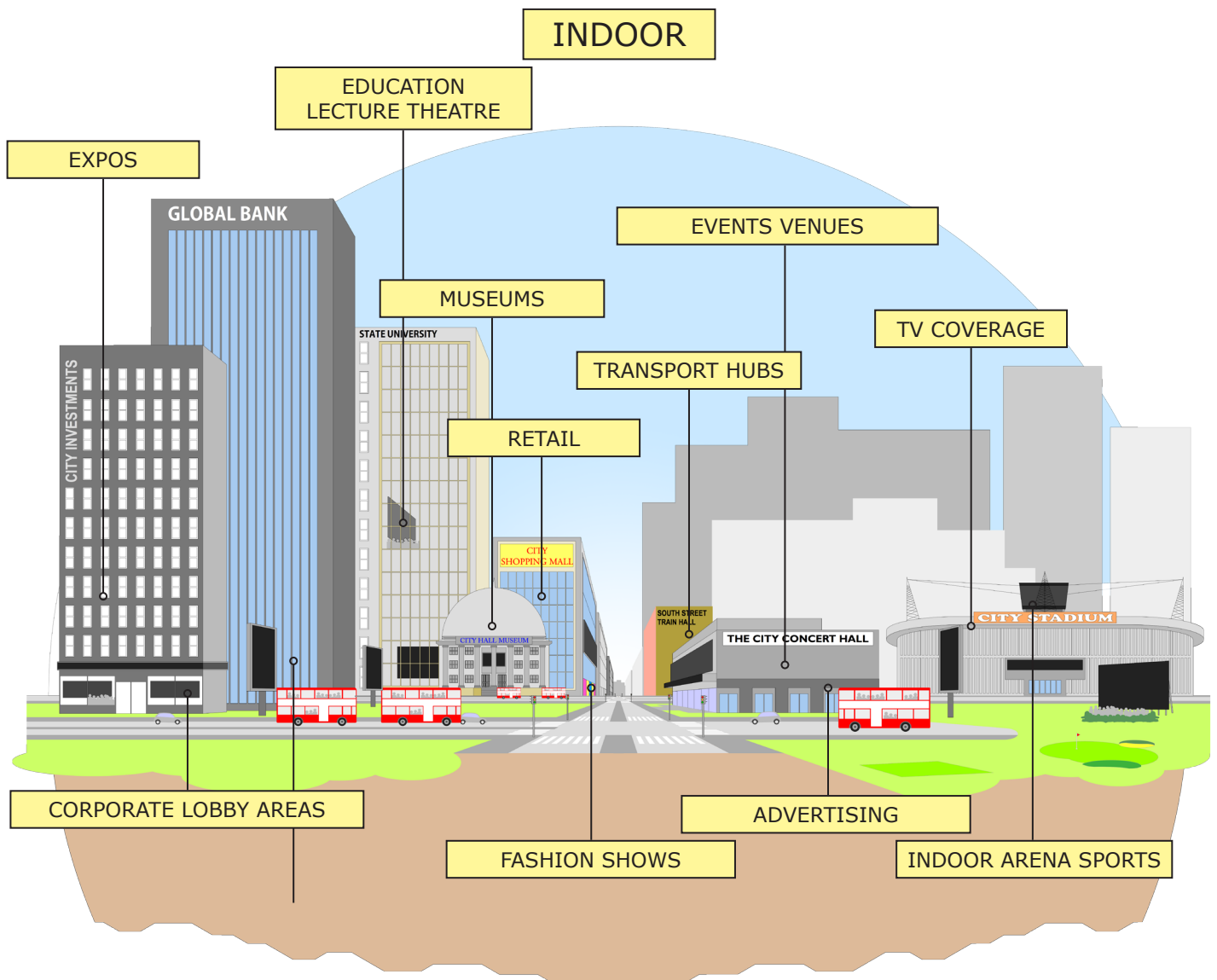*The figures shown for brightness are based on laboratory tests and maybe subject to variances according to LED type and other component selection at point of order.
** The figures shown for power consumption are standard guideline figures only and based on average test laboratory conditions.
*** CE comes with IEC (EN) 62368-1
****HDR: Subject to system configuration and processing.
E&OE.

43.364"

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INDOOR

EDUCATION
LECTURE THEATRE

EXPOS

GLOBAL BANK

EVENTS VENUES

MUSEUMS

TV COVERAGE

STATE UNIVERSITY

TRANSPORT HUBS

CITY INVESTMENTS

RETAIL

CITY
SHOPPING MALL

SOUTH STREET
TRAIN HALL

CITY HALL MUSEUM

THE CITY CONCERT HALL

CITY STADIUM

CORPORATE LOBBY AREAS

ADVERTISING

FASHION SHOWS

INDOOR ARENA SPORTS

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PREMIUM PRODUCTS

BUILT WITH PREMIUM COMPONENTS: THE HIGHEST GRADE PARTS THROUGHOUT

BACKED BY OUR OWN HIGHLY KNOWLEDGEABLE digiLED TECH HUB QC ENGINEERS, THE INDUSTRY'S LEADING QC TEAM

COMES WITH A 5 YEAR WARRANTY: TECH HUB SERVICES LOCATED in US, UK, ASIA and SOUTH AFRICA

INCLUDES AN ENHANCED & COMPREHENSIVE SPARES PACKAGE

AN APPRECIATION FOR QUALITY

BUILT IN TRUSTED, PREMIUM PARTNERS ASSEMBLY PLANTS: MONITORED AND QUALITY CONTROLLED BY digiLED TECH HUB ENGINEERS

SUBJECT TO A COMPREHENSIVE 228 STEP QC PROGRAMME FROM POINT OF ORDER RIGHT THROUGH TO HANDOVER

FULLY CERTIFIED: CE, UKCA, FCC, CCC, ETL, RoHS, LVD, EMC

OPTION: BUILT-IN digiLED's ZEUS POWER MANAGEMENT SYSTEM AT ADDITIONAL COST

digiLED
THE LED SCREEN EXPERTS

- 8 -

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 CO_2 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 CO_2 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.

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 patent pending ZEUS® stands for "Zero Energy Use System". A screen set to black with digiLED ZEUS will use ZERO power. Additionally, ZEUS cards are manufactured in Liverpool and Dorking (UK). More details on ZEUS® in the dedicated 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.
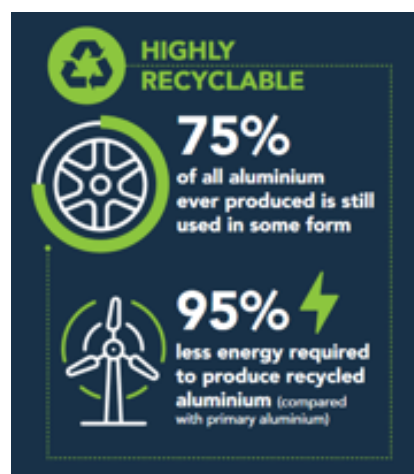
Copper also makes up a large percentage of the product by weight - again, easily recyclable.

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.

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Service Lab

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Tech Hub   Logistics   Service Lab

SALES OFFICES IN MILAN, THE HAGUE, NANTES AND TOKYO

TALK TO US AND BE SOCIAL

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