

digiTHIN HD



SIMPLE, STUNNING & SLIM FOR FRAMELESS INSTALLATIONS





Zero Installation Damage

The traditional method of installing heavy cabinets inevitably leads to damage during installation. With digiTHIN, 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.



A Stunning Screen

digiTHIN's unique direct wall mounting Z-axis adjustment ensures a perfectly soFLAT® display giving a superb, totally flat, wide-angle viewing experience even on uneven walls.



Ease of Maintenance

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



Reduced Installation Costs

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



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 and offering more impact with great reliability.

54mm



5 Year Warranty

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

digiTHIN HD screens offer fail-safe performance. We understand how important reliability is, that's why **digiTHIN HD** 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.

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.

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

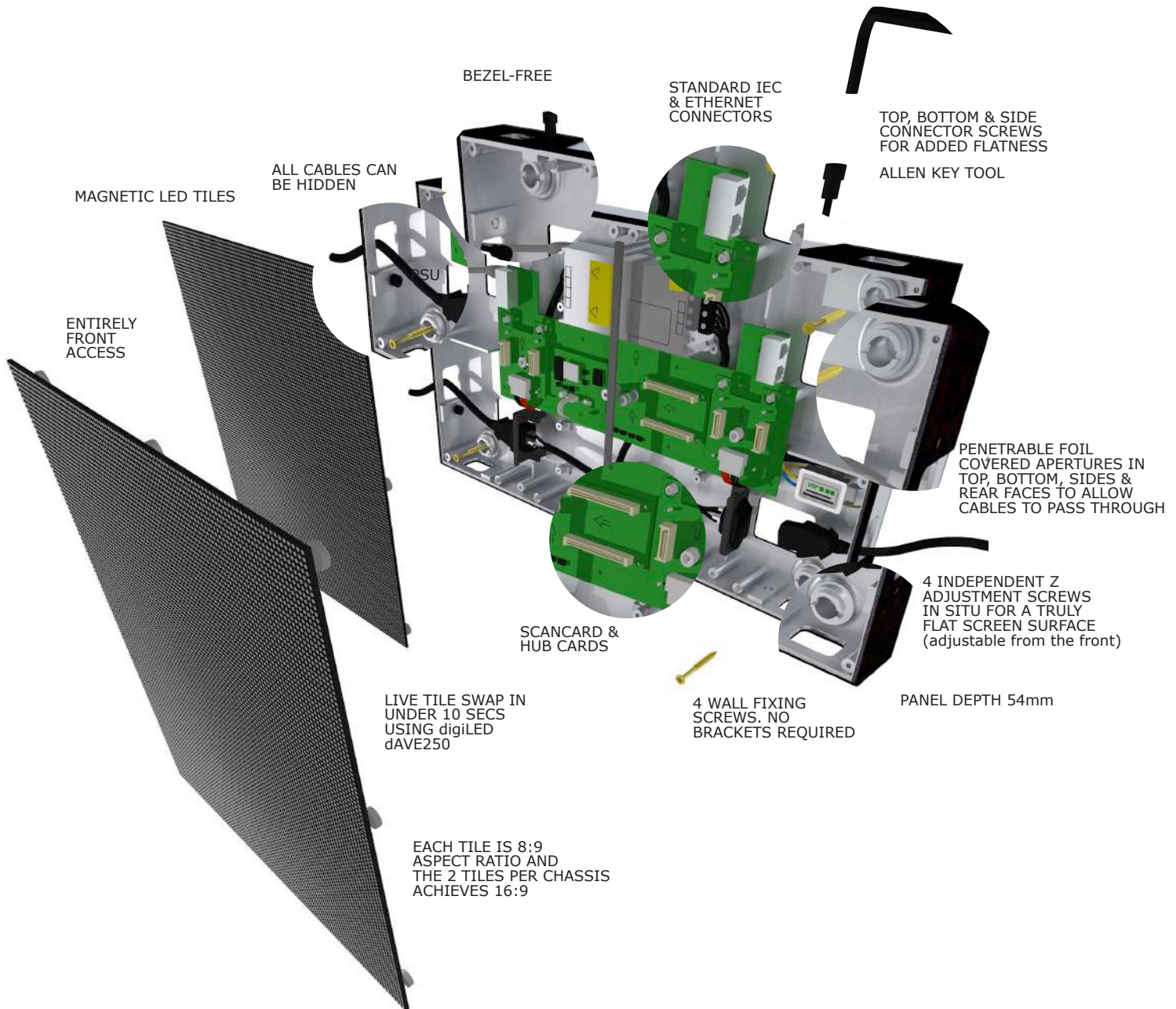
Sleek, thin, minimalist - call it what you want. The most striking thing about **digiTHIN HD**, apart from the stunning image quality, is its slender good looks, with a depth of just 54mm.

We provide a simple and straight-forward **digiTHIN HD** 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.

FEATURES

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

STANDARD IEC & ETHERNET CONNECTORS

TOP, BOTTOM & SIDE CONNECTOR SCREWS FOR ADDED FLATNESS

ALLEN KEY TOOL

ALL CABLES CAN BE HIDDEN

MAGNETIC LED TILES

ENTIRELY FRONT ACCESS

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

SCANCARD & HUB CARDS

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

LIVE TILE SWAP IN UNDER 10 SECS USING digiLED dAVE250

4 WALL FIXING SCREWS. NO BRACKETS REQUIRED

PANEL DEPTH 54mm

EACH TILE IS 8:9 ASPECT RATIO AND THE 2 TILES PER CHASSIS ACHIEVES 16:9

SPECIFICATIONS

INDOOR		HD1300	HD1560	HD2080	HD2600	HD3125	HD3910	HD3910HB
Physical Pixel Pitch (HxV)	mm	1.302	1.563	2.083	2.604	3.125	3.906	3.906
Pixel Resolution (Width/Height)	pixels/panel	384/216	320/180	240/135	192/108	160/90	128/72	128/72
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						
Diagonal Dimension	ins (metric ins)/mm	22 5/8" (22.6")/574						
Ingress Protection	(Front/Rear)	Indoor IP30/IP30						
Maintenance Access		All Front						
Enhanced Refresh Rate	Hz	≥2880	≥2880	≥3840	≥3840	≥3840	≥3840	≥3840
Uncalibrated Brightness*	nits	≥800	≥1000	≥1000	≥1,000	≥1,000	≥1,000	≥4,100
Calibrated Brightness*	nits	≥650	≥800	≥800	≥800	≥800	≥800	≥3,500
Input Voltage	VAC/Hz	100-240/50-60						
Maximum Power Consumption**	W/m ²	484	498	555	329	356	363	443
Typical Power Consumption**	W/m ²	145	149	166	99	107	109	133
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.

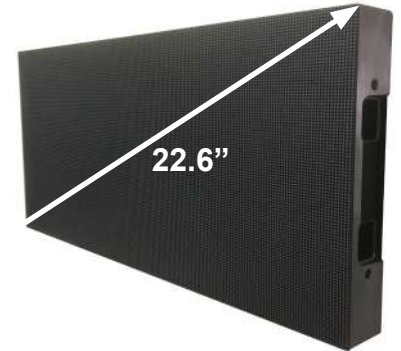
Enhanced Brightness are subject to LED & driver IC selection - to be confirmed at the point of order.

*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

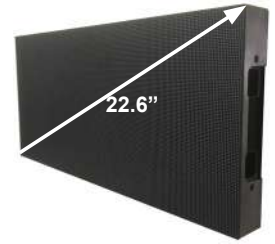
****HDR: Subject to system configuration and processing.
E&OE.



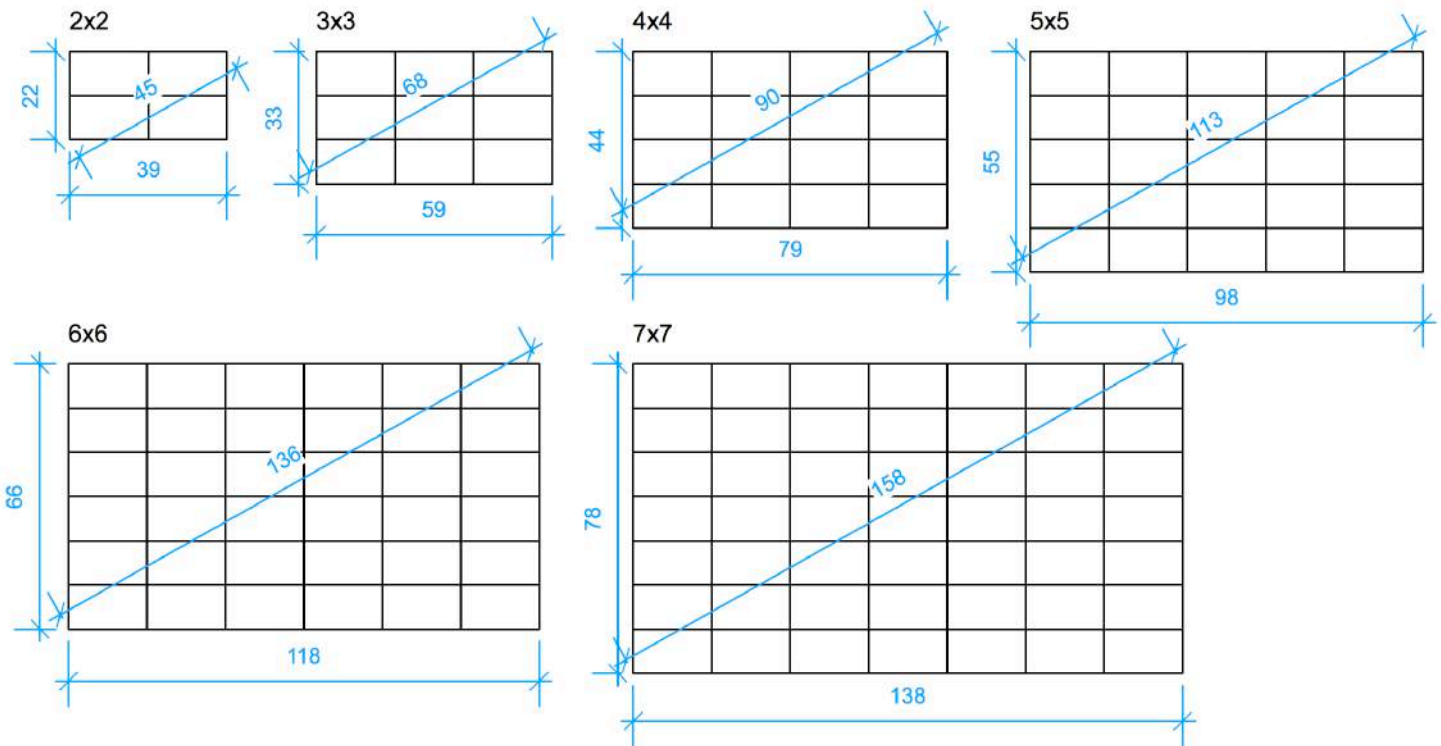


PANEL DETAIL

BASIC SINGLE digiTHIN HD PANEL



TYPICAL DIAGONAL DIMENSIONS

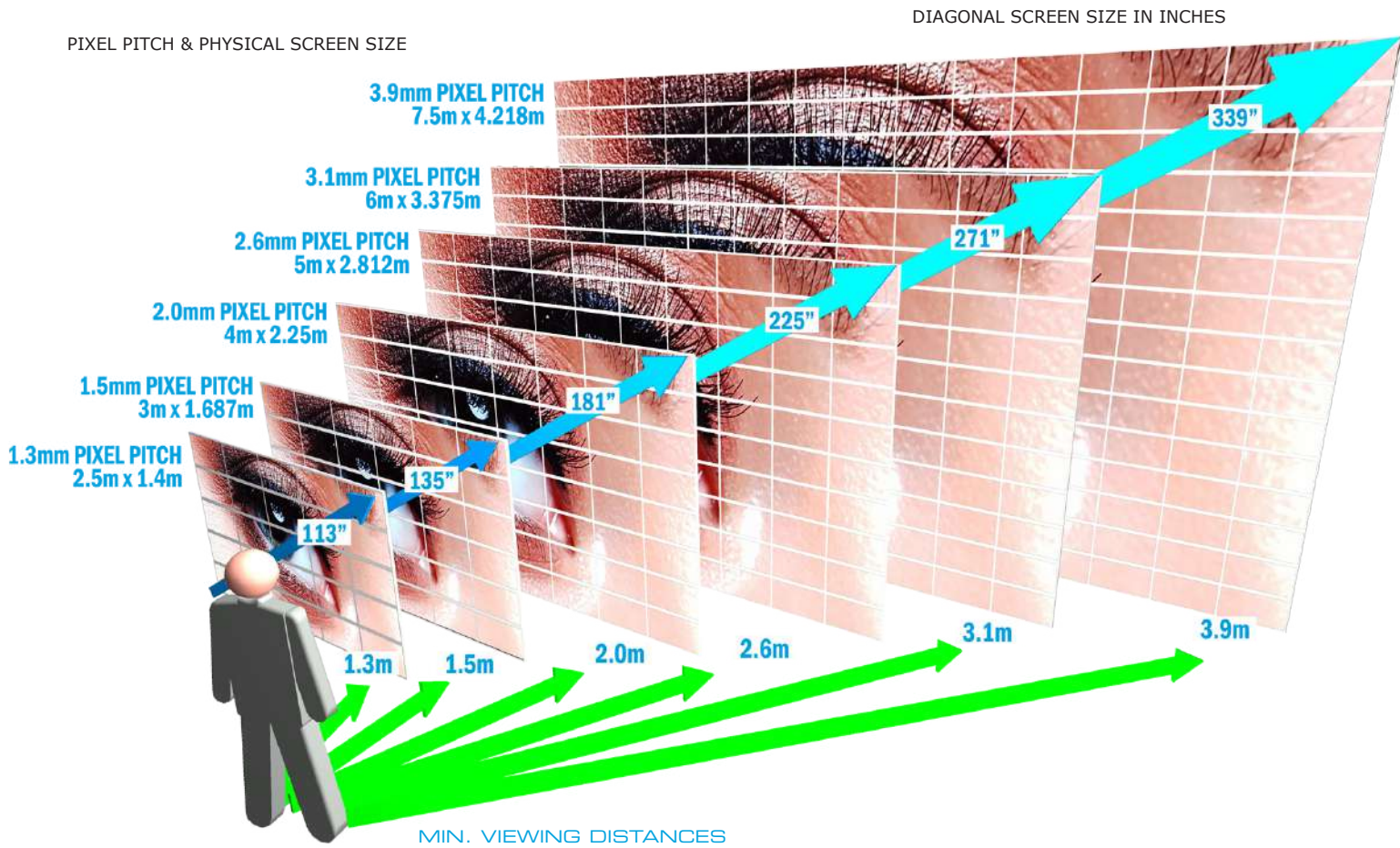


1920px x 1080px UHD AT VARIOUS PIXEL PITCHES

		1.3	1.5	2.0	2.6	3.1	3.9
Physical Pixel Pitch (HxV) mm		1.302	1.562	2.083	2.604	3.125	3.906
Panel Array		5 x 5	6 x 6	8 x 8	10 x 10	12 x 12	15 x 15
Pixel Screen Resolution (W/H)	pixels	1920/1080					
Screen Dimension (W/H)	mm	2500/1400	3000/1687	4000/2250	5000/2812	6000/3375	7500/4218
Standard Screen Area	m ²	3.5	5.06	9	14.06	20.25	31.635
Standard Screen Weight	kg	100	144	256	400	576	900
Diagonal Dimension	ins	113	135	180	225	271	338

Comparison Chart for fn HD 1920px x 1080px Screen

Use the comparison graphic to see what size screen you need to achieve a full HD resolution screen, based on which pixel pitch you need. Bear in mind the recommended minimum viewing distance for comfortable viewing.

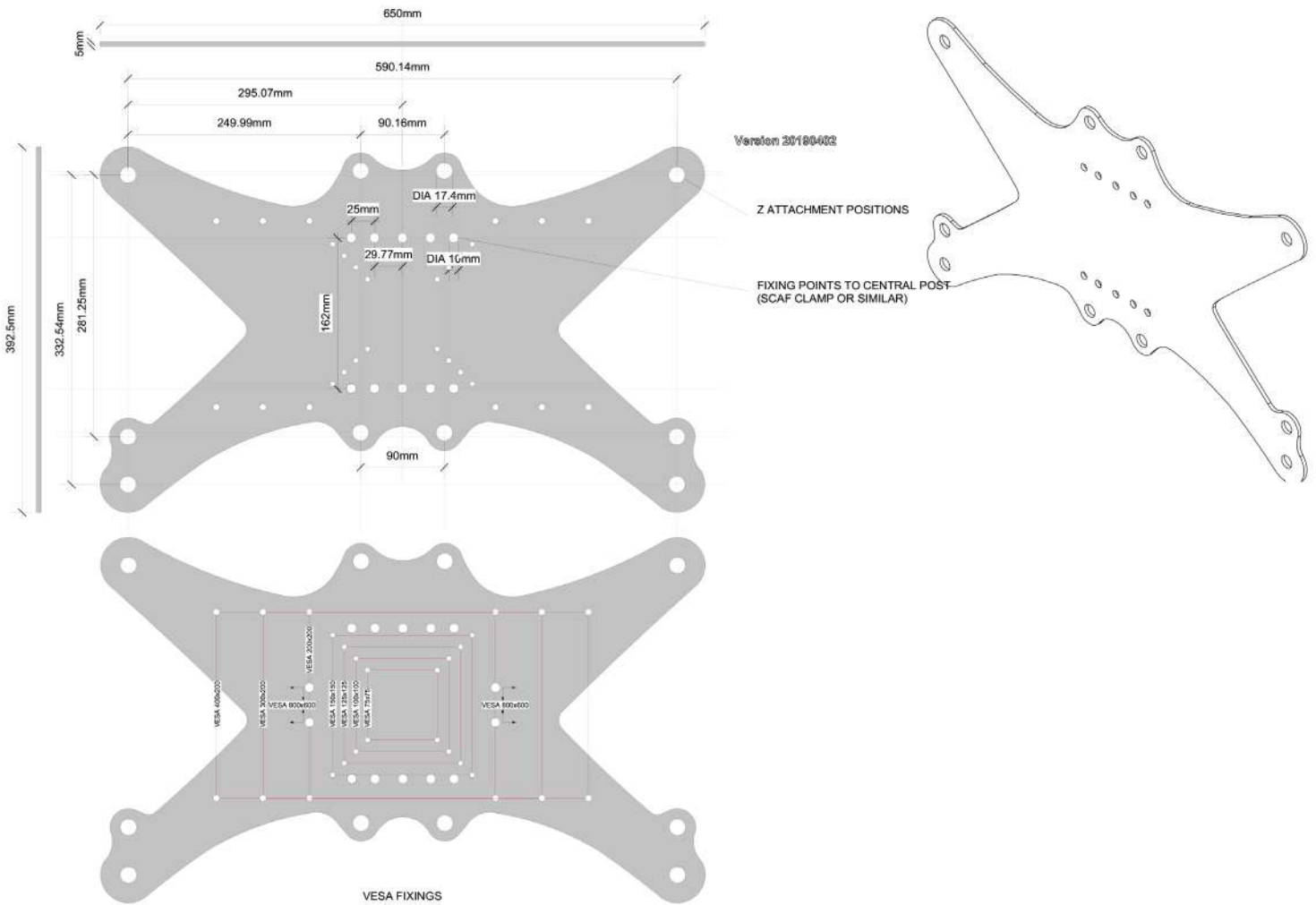


digiTHIN HD Squashed Frog Plate Adapter

For use on freestanding pole support columns eg. 50mm diameter aluminium post. Will require a DIA 50mm scaf clamp or similar.

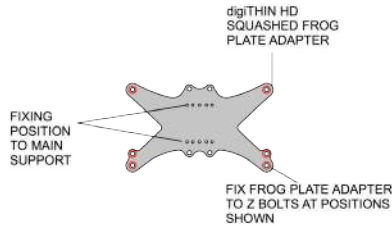
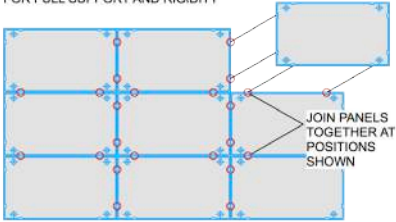
Some standard VESA fixing holes are also included.

ADAPTER PLATE

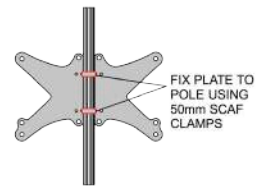


Examples of the use of the squashed frog plate adapter

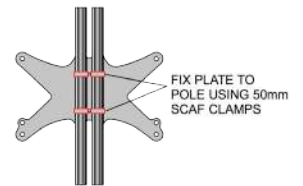
PANELS MUST BE JOINED WITH SIDE TO SIDE AND TOP TO BOTTOM CONNECTORS FOR FULL SUPPORT AND RIGIDITY



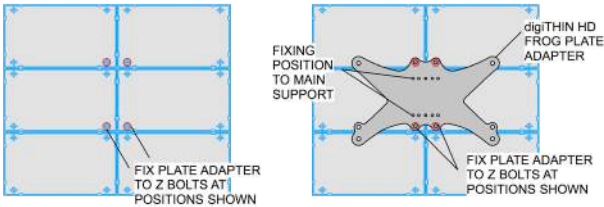
SINGLE POLE MOUNT



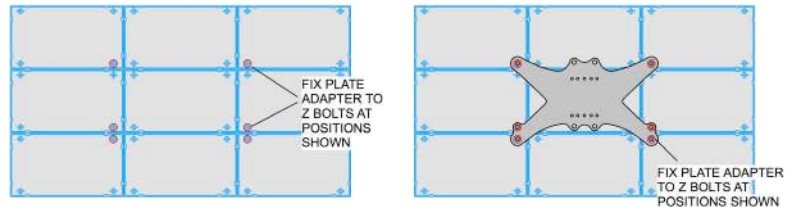
DOUBLE POLE MOUNT



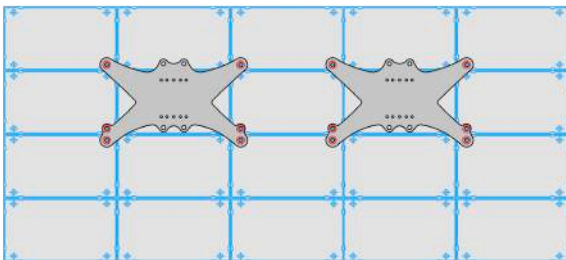
SQUASHED FROG PLATE FIXING POSITIONS FOR 2 x 3 PANEL ARRAY



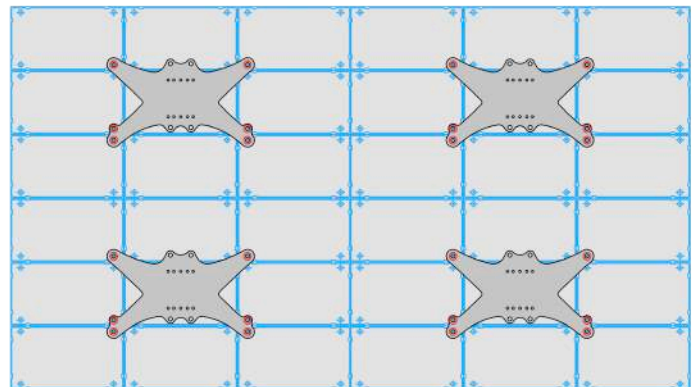
SQUASHED FROG PLATE FIXING POSITIONS FOR 3 x 3 PANEL ARRAY



SQUASHED FROG PLATE FIXING POSITIONS FOR 5 x 4 PANEL ARRAY



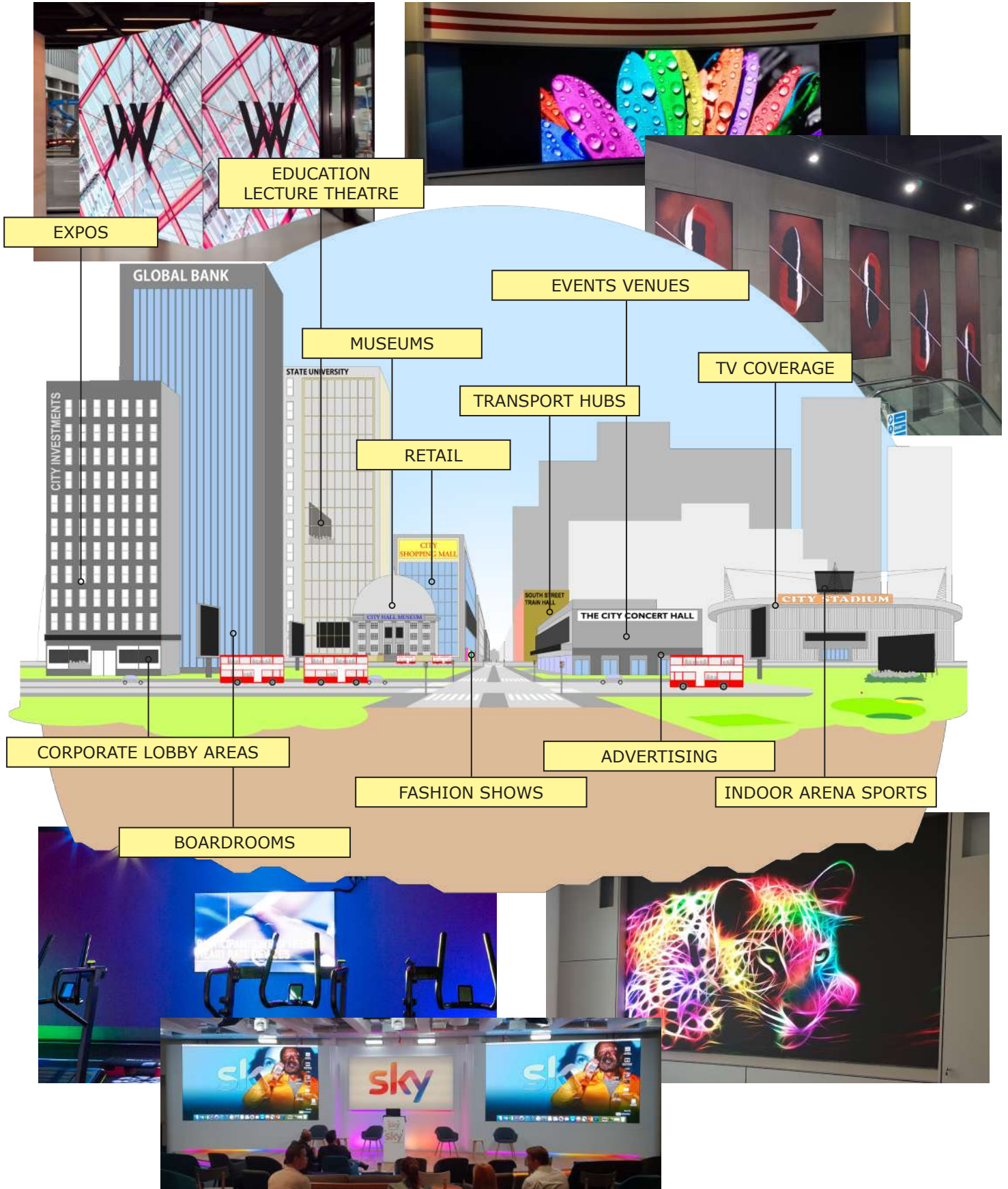
SQUASHED FROG PLATE FIXING POSITIONS FOR 6 x 6 PANEL ARRAY



OTHER VARIATIONS OF PANEL ARRAYS CAN BE ACHIEVED USING DIFFERENT COMBINATIONS OF THE FIXING HOLE POSITIONS



INDOOR APPLICATION EXAMPLES





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

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 using premium components, 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, providing reliable performance throughout the 5-year warranty period and beyond. Supported locally by experienced, qualified, field and bench engineers.

digiLED quality just lasts.

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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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