digiTHIN HD

SIMPLE, STUNNING & SLIM FOR FRAMELESS INSTALLATIONS

digiLED

THE **LED** SCREEN EXPERTS

digiTHINHD

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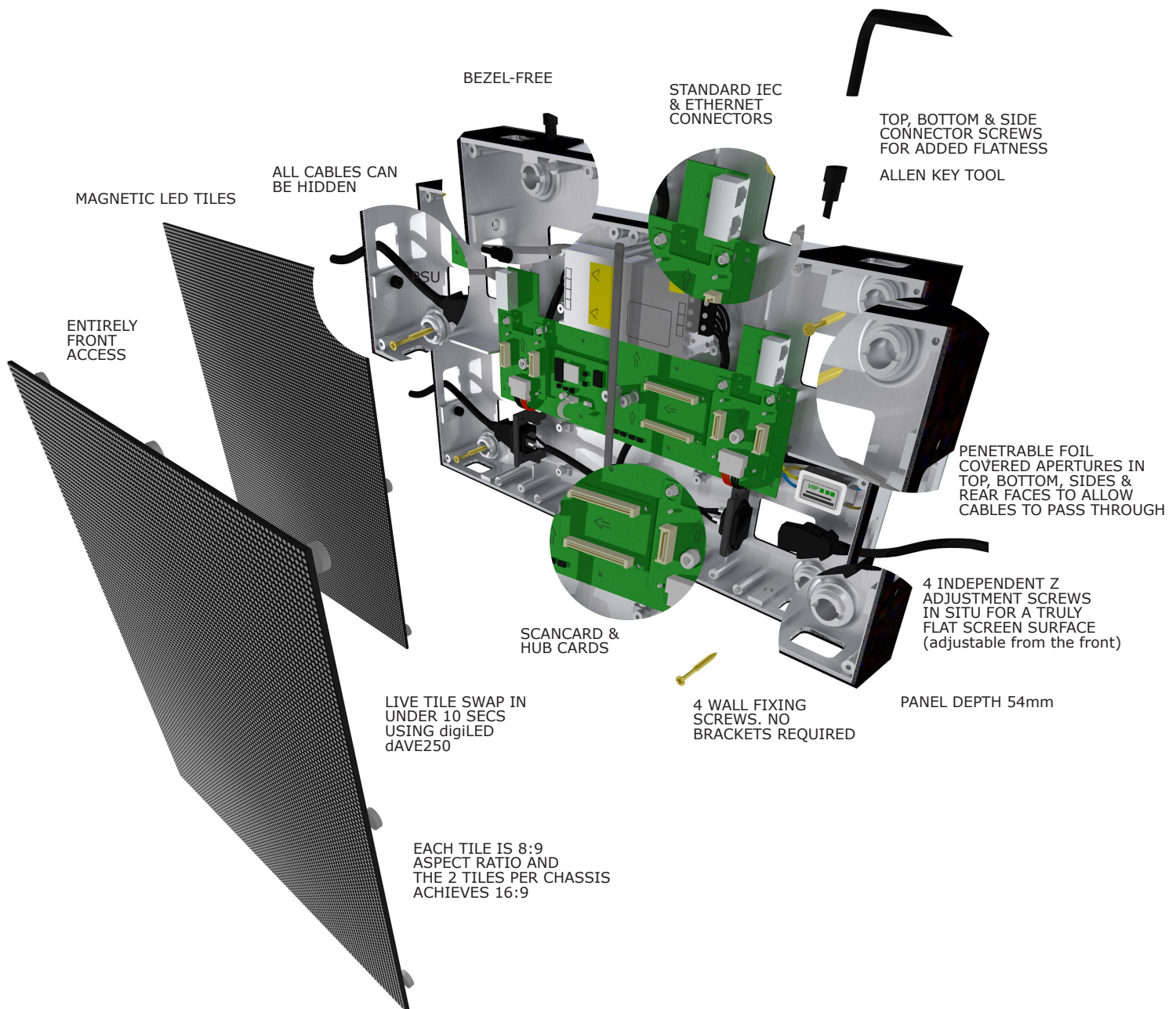
We provide a simple and straight-forward **digiTHIN HD** installation course. Our day long course provides systems integrators with all they need to know, we show them how to proficiently deliver perfect digiTHIN projects.

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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

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

SCANCARD & HUB CARDS

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

digiTHIN HD

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 x54						
Standard Panel Area	m2	0.141						
Standard Weight	kg/m2	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/m2	484	498	555	329	356	363	443
Typical Power Consumption**	W/m2	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.
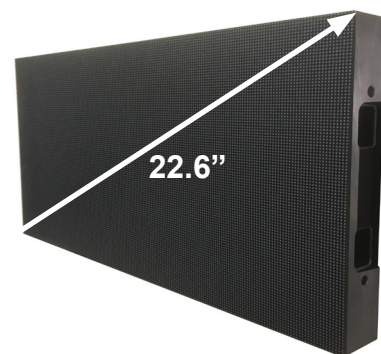*The figures shown for brightness are MCAB (maximum consolidated average brightness) measured over a 3 year period.
** The figures shown for power consumption are standard guideline figures only and based on average test laboratory conditions.
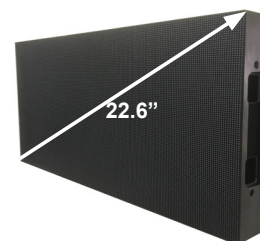*** CE comes with IEC (EN) 62368-1
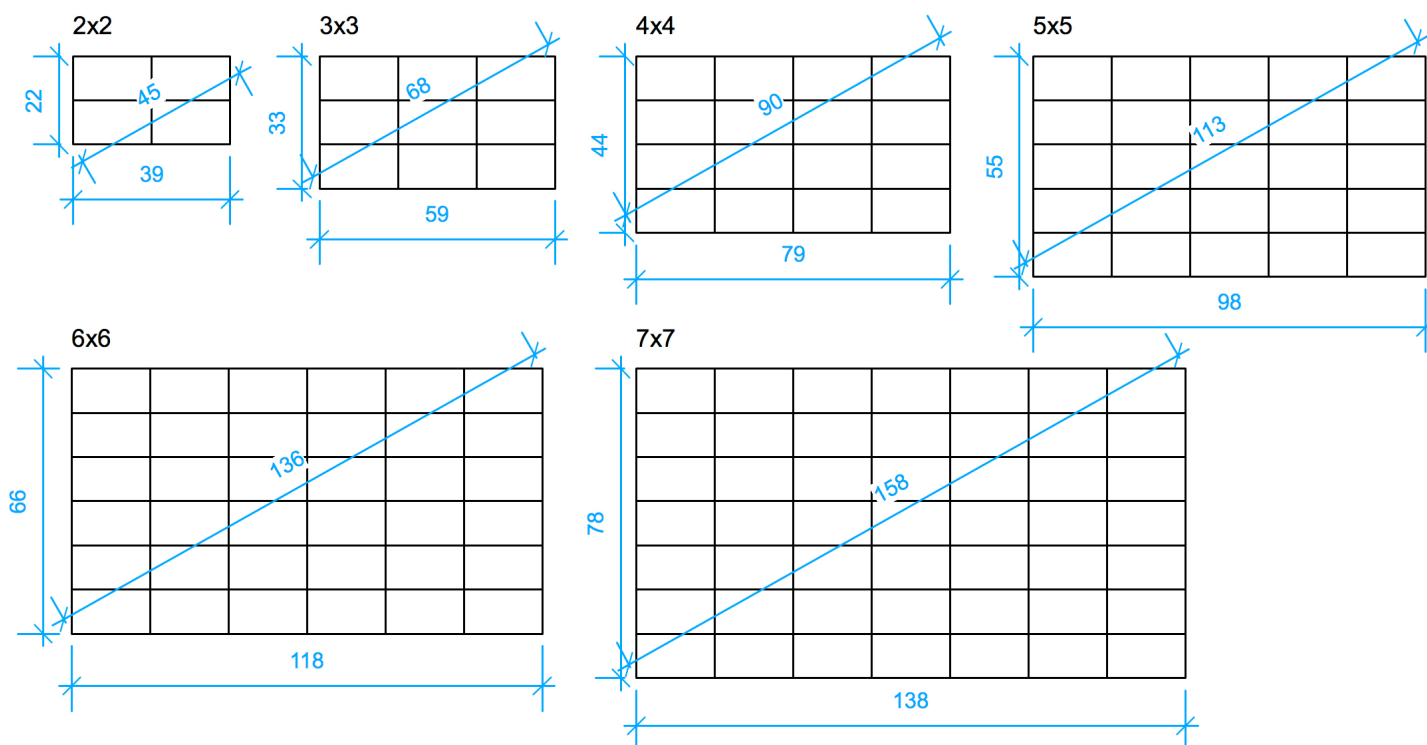****HDR: Subject to system configuration and processing.
E&OE.

22.6"

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THE LED SCREEN EXPERTS

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PREMIUM PRODUCT
5 YEAR WARRANTY

BASIC SINGLE digiTHIN HD PANEL

22.6"

TYPICAL DIAGONAL DIMENSIONS

2x2
22
45
39

3x3
33
68
59

4x4
44
90
79

5x5
55
113
98

6x6
66
136
118

7x7
78
158
138

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	m2	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

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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.

DIAGONAL SCREEN SIZE IN INCHES

PIXEL PITCH & PHYSICAL SCREEN SIZE

3.9mm PIXEL PITCH
7.5m x 4.218m

3.1mm PIXEL PITCH
6m x 3.375m

2.6mm PIXEL PITCH
5m x 2.812m

2.0mm PIXEL PITCH
4m x 2.25m

1.5mm PIXEL PITCH
3m x 1.687m

1.3mm PIXEL PITCH
2.5m x 1.4m

339"

271"

225"

181"

135"

113"

3.9m

3.1m

2.6m

2.0m

1.5m

1.3m

MIN. VIEWING DISTANCES

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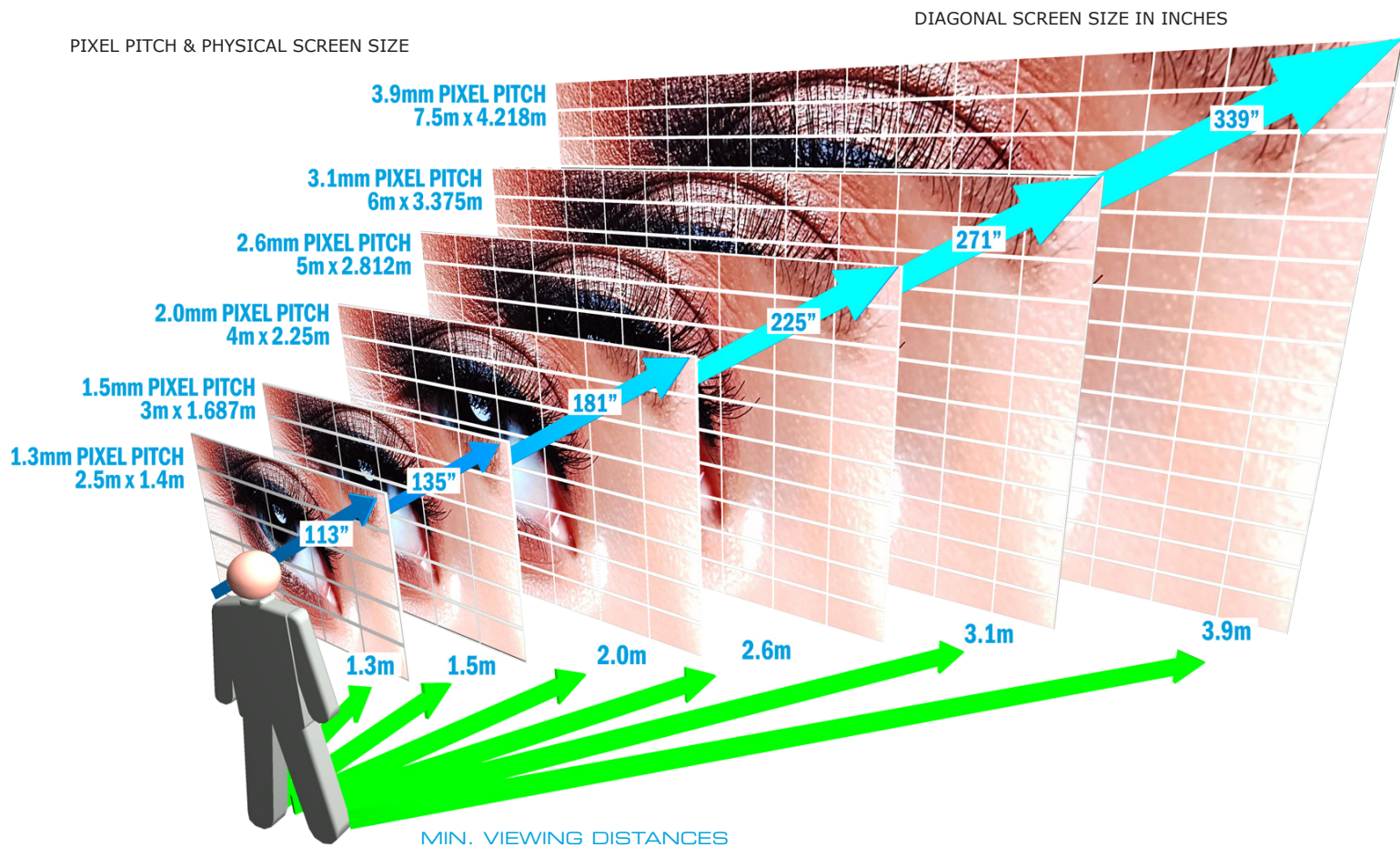
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digiTHIN HD Squashed Frog Plate Adapter

For use on freestanding pole support columns eg. 50mm diameter aluminium post. Will require a DIA 50mm scaf clamp or similar.
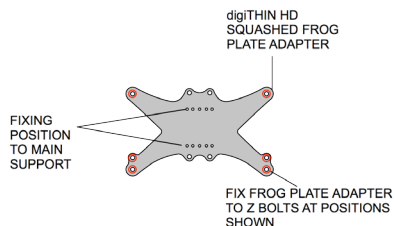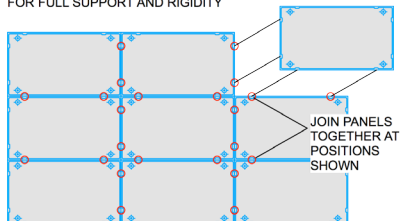
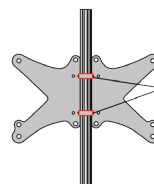Some standard VESA fixing holes are also included.

ADAPTER PLATE

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5 YEAR WARRANTY
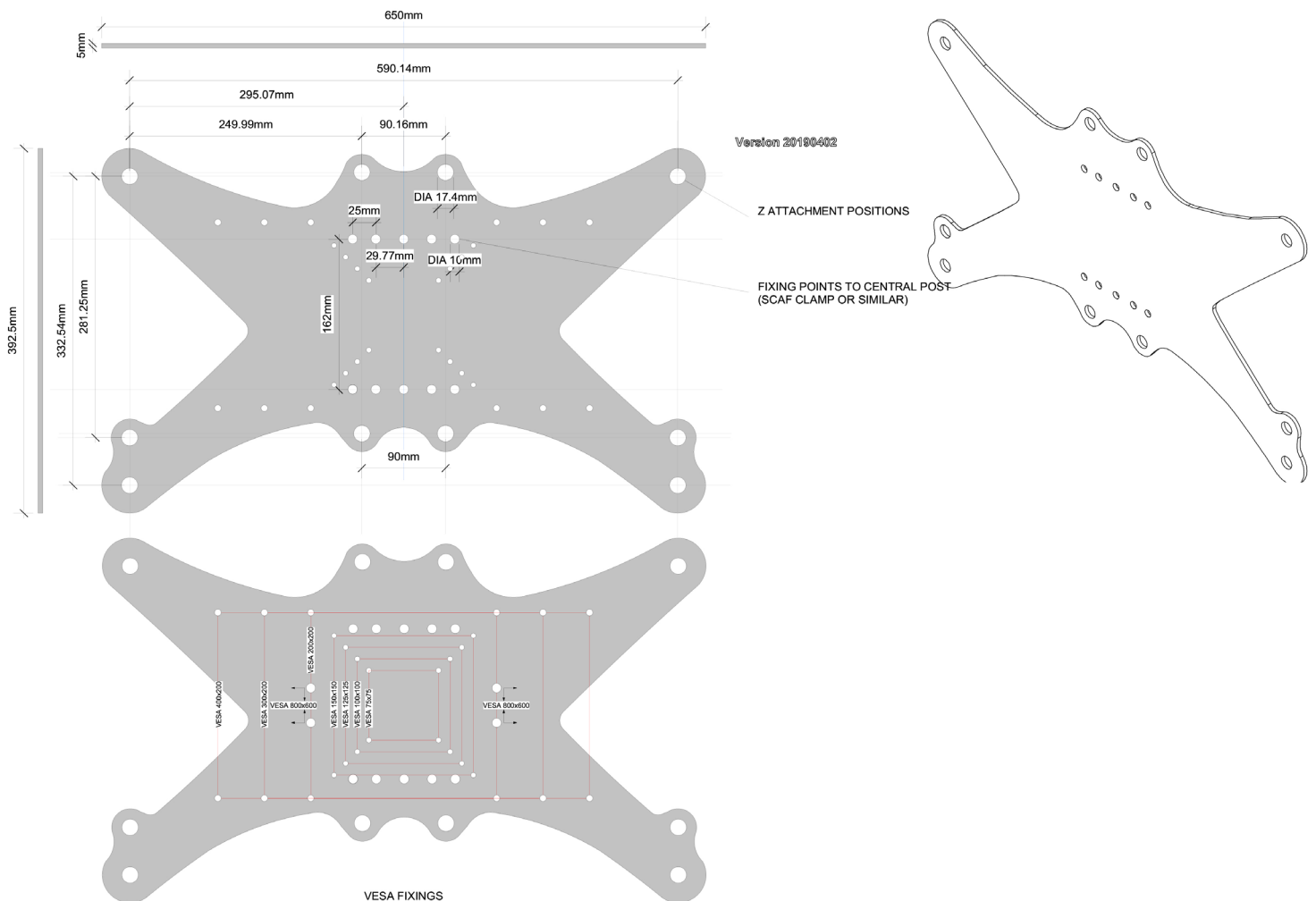
Examples of the use of the squashed frog plate adapter

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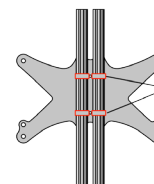FOR FULL SUPPORT AND RIGIDITY

JOIN PANELS
TOGETHER AT
POSITIONS
SHOWN

FIXING
POSITION
TO MAIN
SUPPORT

digiTHIN HD
SQUASHED FROG
PLATE ADAPTER

FIX FROG PLATE ADAPTER
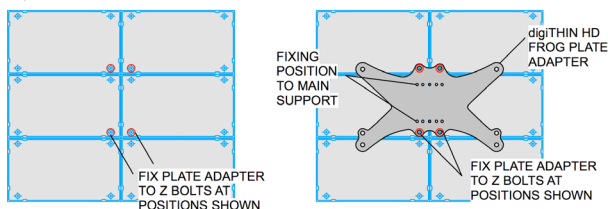TO Z BOLTS AT POSITIONS
SHOWN
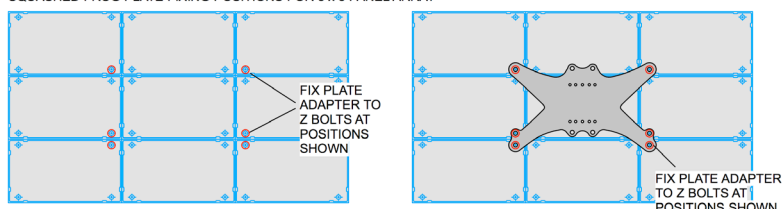
SINGLE POLE MOUNT

FIX PLATE TO
POLE USING
50mm SCAF
CLAMPS

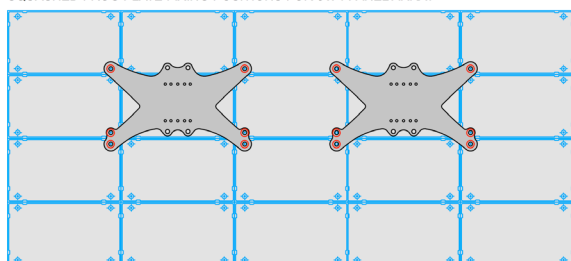DOUBLE POLE MOUNT

FIX PLATE TO
POLE USING 50mm
SCAF CLAMPS

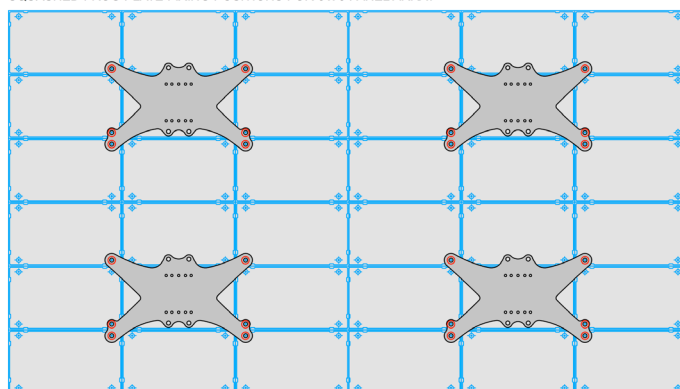SQUASHED FROG PLATE FIXING POSITIONS FOR 2 x 3 PANEL ARRAY

FIXING
POSITION
TO MAIN
SUPPORT

digiTHIN HD
FROG PLATE
ADAPTER

FIX PLATE ADAPTER
TO Z BOLTS AT
POSITIONS SHOWN

FIX PLATE ADAPTER
TO Z BOLTS AT
POSITIONS SHOWN

SQUASHED FROG PLATE FIXING POSITIONS FOR 3 x 3 PANEL ARRAY

FIX PLATE
ADAPTER TO
Z BOLTS AT
POSITIONS
SHOWN

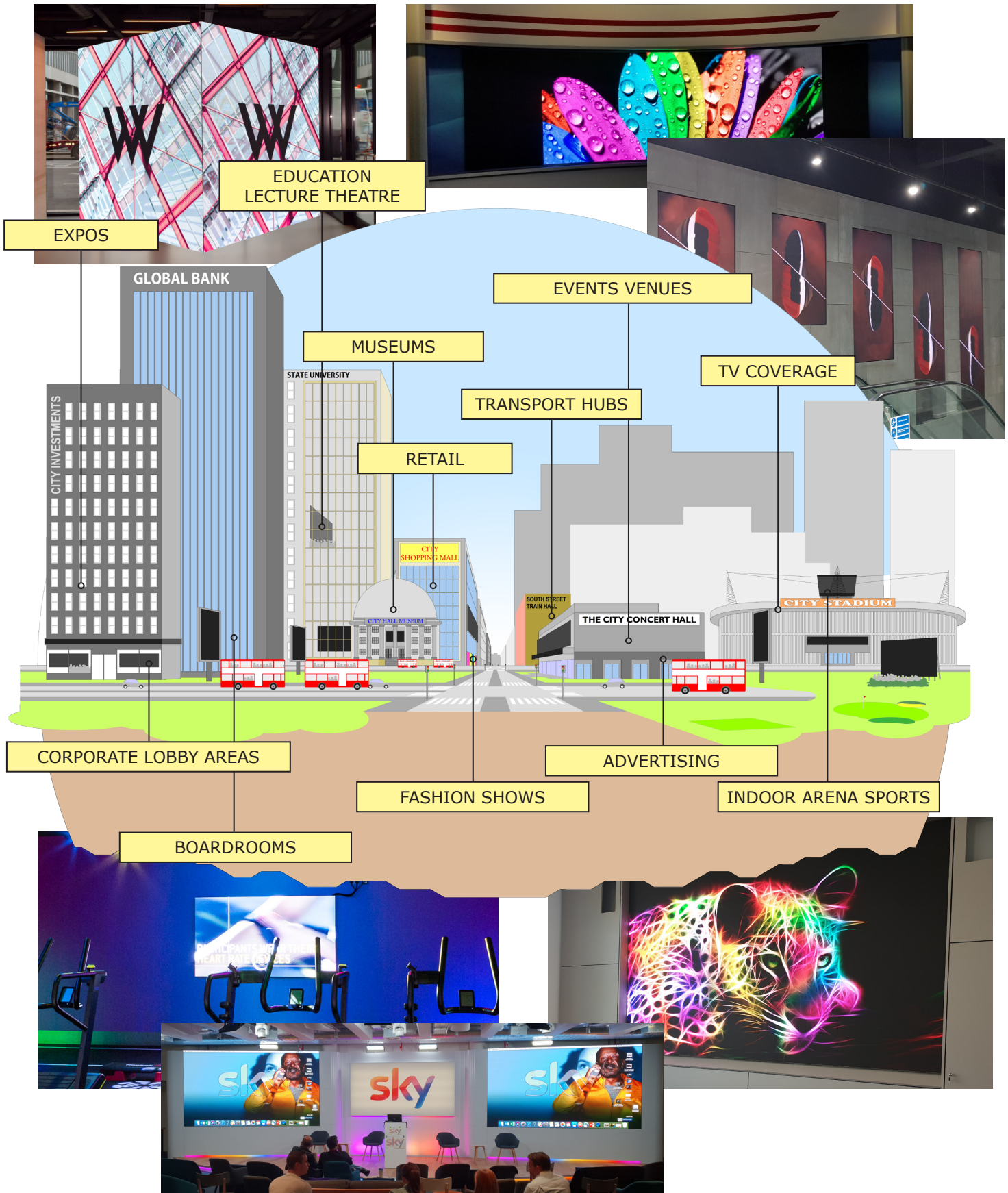FIX PLATE ADAPTER
TO Z BOLTS AT
POSITIONS SHOWN

SQUASHED FROG PLATE FIXING POSITIONS FOR 5 x 4 PANEL ARRAY

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

SQUASHED FROG PLATE FIXING POSITIONS FOR 6 x 6 PANEL ARRAY

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PREMIUM PRODUCT
5 YEAR WARRANTY

EXPOS

EDUCATION
LECTURE THEATRE

GLOBAL BANK

MUSEUMS

EVENTS VENUES

STATE UNIVERSITY

TV COVERAGE

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

BOARDROOMS

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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

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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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CONTACT US

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SALES OFFICES IN MILAN, THE HAGUE, NANTES AND TOKYO

TALK TO US AND BE SOCIAL
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