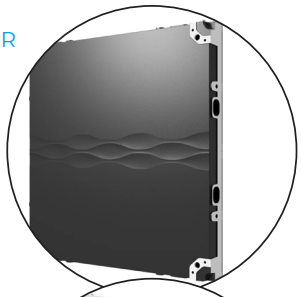
digiLED VU SERIES

AFFORDABLE QUALITY LED SCREEN SOLUTIONS

digiLED
THE LED SCREEN EXPERTS

AFFORDABLE QUALITY LED SCREEN SOLUTIONS

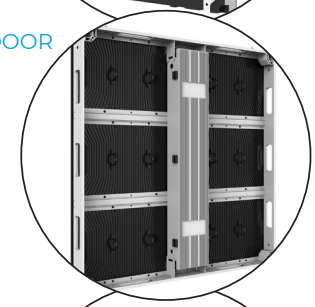
INDOOR



VU - Value Engineering from digiLED

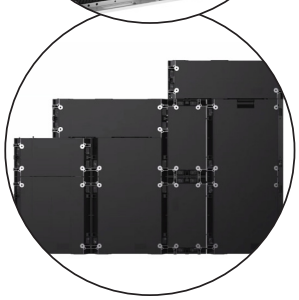
digiLED VU series is a new range of LED screen panels that are primarily aimed at cost effectiveness without compromising our high standards of quality.

OUTDOOR



Indoor and Outdoor Versions

digiLED VU Q is the indoor LED panel range which includes pixel pitches, 1.5, 1.9, 2.5, 2.6, 2.9 and 3.9mm. And digiLED VU outdoor range has high brightness LEDs including 6.6 and 10.0mm pixel pixels.

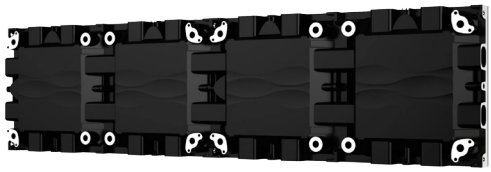


Mix & Match, Flexible and Variable Panel Sizes

When it comes to designing a bespoke screen layout, any combination of panels can be used in the same array. Installation can give you greater flexibility and more creative answers to your screen layouts. Even rotate the panels through 90 degrees.
Choose from: 500x250mm, 500x500mm, 750x250mm and 1000x250mm panel sizes.

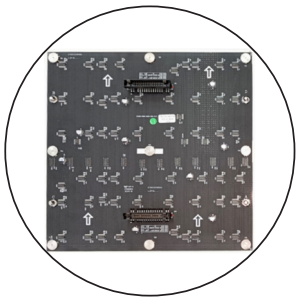
VU Q - Perfect Flatness

The VU Q indoor cabinets are constructed from die cast aluminium for lightness and strength built in. This benefits from true flatness and consistancy of screen surface, with a high tolerance level of +/- 0.2mm accuracy. No need for ribbon cable connectors, digiLED VU Q have a push fit direct connection for faster performance and ultra low latency.



Full Certifications and Reliability

VU comes with peace of mind in the form of up to date CE, FCC and ETL certifications. Comes out of the box and knowing it will work.



VU Outdoor - High Brightness

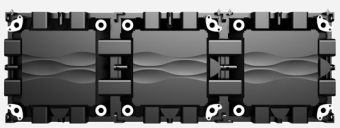
Using gold wire LEDs, VU outdoor versions are fully weather resistant and compare or indeed exceed competitive similar LED screens. Also benefiting from prolonged life and reduced deterioration allowing a more sustained level of brightness over time.

digiLED ZEUS®

digiLED ZEUS® is a revolutionary new way to manage the energy savings for your screen. Z in ZEUS stands for ZERO – and that's exactly how much energy your screen will consume when digiLED ZEUS® is activated.

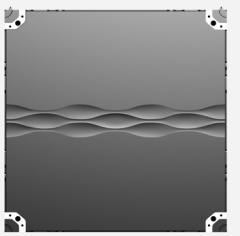
VU Q INDOOR FEATURES

500x250mm panel

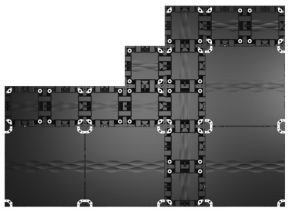


750x250mm panel

1000x250mm panel



500x500mm panel



Mix n match panels

digiLED
THE LED SCREEN EXPERTS

VU OUTDOOR FEATURES

960x960mm panel

Direct to wall fixing

Robust frame

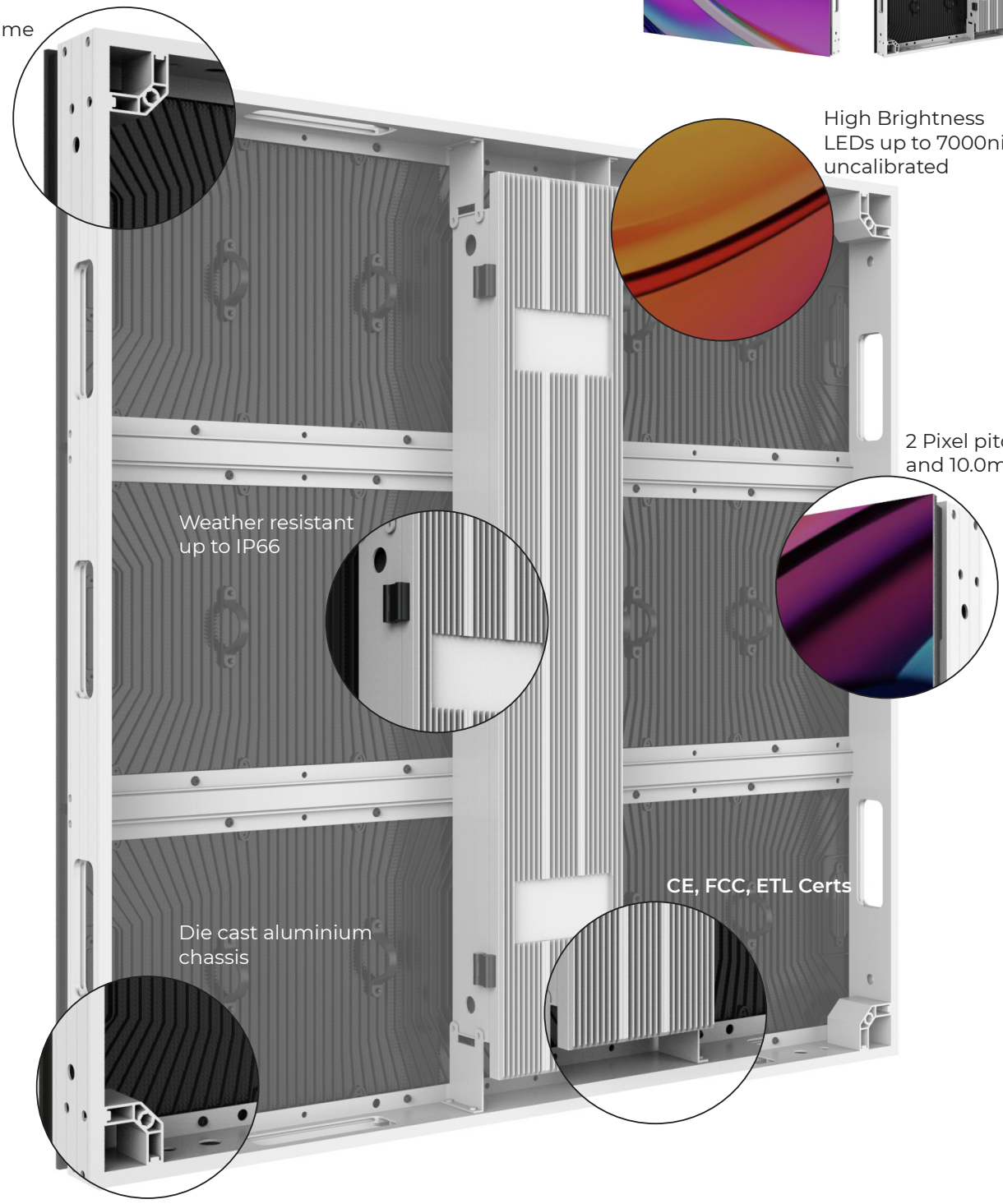
High Brightness
LEDs up to 7000nits
uncalibrated

2 Pixel pitches 6.6
and 10.0mm

Weather resistant
up to IP66

CE, FCC, ETL Certs

Die cast aluminium
chassis



SPECIFICATIONS

INDOOR

		VU Q1560	VU Q1950	VU Q2500	VU Q2610	VU Q2980	VU Q3910
Physical Pixel Pitch (HxV) mm		1.563	1.953	2.500	2.604	2.976	3.906
Pixel Resolution (Width/Height)	pixels/panel	320/320	256/256	192/384	192/384	168/168	128/128
Panel Dimensions	(W x HxD) mm	1000 x 500 x 45					
Optional Panel Sizes	(W x H) x D mm	(500 x 500, 1000 x 250, 750 x 250 and 500 x 250) x 45					
Standard Panel Area	m2	0.5					
Standard Panel Weight	kg/m2	21.6					
Ingress Protection	(Front/Rear)	Indoor IP30/IP30					
Maintenance Access		All Front					
Standard Refresh Rate	Hz	≥4800					
Uncalibrated Brightness*	nits	700	800	800	800	800	800
Calibrated Brightness*	nits	600	700	700	700	700	700
Input Voltage	VAC/Hz	110~220/50-60					
Max Power Consumption**	W/sqm	450	420	450	450	450	430
Typical Working Power Consumption**	W/sqm	135	126	135	135	135	129
Operating Temperature (min/max)	degC	-30/+50					
Certification		CE (IEC82368-1 TBC), FCC, ETL					

OUTDOOR

		VU6.6o	VU10o
Physical Pixel Pitch (HxV) mm		6.67	10.0
Standard LED Conductor		Gold Thread	
Pixel Resolution (Width/Height)	pixels/panel	144/144	96/96
Panel Dimensions	(W x H) mm	960x960	
Optional Panel Sizes	(W x H) x D mm	TBC	
Standard Panel Area	m2	0.9216	
Standard Panel Weight	kg/m2	21.2	
Ingress Protection	(Front/Rear)	IP66/IP66	
Maintenance Access		All Front or all rear	
Standard Refresh Rate	Hz	≥4800	≥4800
Uncalibrated Brightness*	nits	7000	7000
Calibrated Brightness*	nits	6500	6500
Input Voltage	VAC/Hz	110~220/50-60	
Max Power Consumption**	W/sqm	590	570
Typical Working Power Consumption**	W/sqm	177	171
Operating Temperature (min/max)	degC	-30/+50	
Certification		CE (IEC82368-1 TBC), FCC, ETL	

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

digiLED
THE LED SCREEN EXPERTS

REV04 20240426 AC

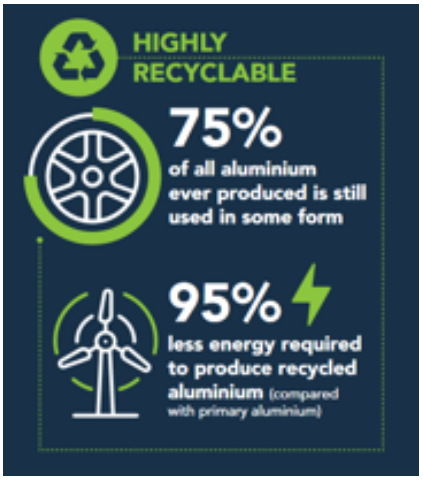
ZEUS®

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.

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.**

digiLED
THE LED SCREEN EXPERTS

CONTACT US

LONDON

UK HEAD OFFICE

The Pixel Depot, Copse Farm, Moorhurst Lane, Beare Green, Surrey RH5 4LJ UK

tel: +44 20 7381 7840 e-mail: info@digiLED.com

Sales Admin Pixel Depot Tech Hub Service Lab

LAS VEGAS

The Pixel Depot, 365 Pilot Road, Suite A, Las Vegas, Nevada, 89119, USA

tel: +44 20 7381 7840 e-mail: info@digiLED.com

Sales Admin Pixel Depot Tech Hub Service Lab

DALLAS

digiLED Service Lab, 8291 Gateway Dr, Argyle, TX 76226, USA

Service Lab

SHENZHEN

SHENZHEN DIGI TECHNOLOGY CO. LTD,

The Pixel Depot, Room 1807, Haohai Junyue Bldg, 2092 Shenyan Road, Hai Shan Street, Yantian District, Shenzhen 518000, China

Tech Hub Logistics Service Lab

Sales offices in Milan, The Hague, Nantes AND Tokyo

Talk to us and be social

+44 20 7381 7840 info@digiLED.com www.digiLED.com

digiLED_ digiLEDscreens digiLEDscreens digiLED_