

digiLED

QUASARo



digiLED

DIGITAL OUT-OF-HOME ADVERTISING SYSTEM



EASY
INSTALLATION



HIGH
CONTRAST



TRUE
BLACK



CREATIVE



LIGHTWEIGHT

Designed with DOOH operators' ROI in mind, QUASARo will deliver maximum up-time, seamless image quality, ease of service and a long life too! With light output of up to 7,000 nits, and the blackest blacks to produce truly deep contrast, the image quality is simply brilliant. Maintenance can be completed from the front or rear, and the lightweight aluminium frame makes installation straight-forward, fast and cost-effective. What's more, you can remotely monitor your assets 24/7 for complete control and reassurance.

Contact T +44 (0) 20 7381 7840 info@digiLED.com www.digiLED.com

REV09/27.06.17/AC

digiLED QUASARo

With a range consisting of 6mm, 8mm, 10mm, 12mm & 16mm QUASARo is a feature rich system offering 'next generation' LED technology to today's digital advertising market.

Light-weight - quick-build

QUASARo's light-weight extruded aluminium frame, complete with central control spine, weighs in at under 34Kg per square metre allowing for rapid installations using the large 0.768m(w) x 1.152m(h) (0.885sqm) module. Precision mechanics designed with tolerances down to of 0.3mm, and high accuracy location pins, means every screen can be built fuss-free, quickly, but most importantly, seamlessly.

Exact fit

If you're working to specific size constraints, no problem, the QUASARo modules are available in half units for the ultimate dimensional flexibility. Couple this to the ability to install directly onto a wall, with just a few centimetres of airflow behind, and you've got a sleek system that can be maintained from the front side.

Simple to service

The design brief was to make a screen that anybody could service. Behind the display it's an elegant uncluttered view; no doors to open, no cables on show or data cards to identify, and 100% fan free and silent as a result of our unique self-cooling system. QUASARo is completely modular and all components are easily accessible (whether you need to service from the front face or the rear) and can be hot-swapped for ease of maintenance.

In control 24/7

It's not as though you won't know how your screen is performing - with sophisticated monitoring options, any issues that arise can be dealt with swiftly and effectively, increasing up-time and ensuring your return on investment.

Measured Response

Even if there is an untoward event reported to you via email, SMS or when logging in, you can relax in the knowledge that with the dual

redundancy option, power supplies and data cards are automatically switched to a back-up unit in the blink of an eye, keeping everything working, just as it should. So, take the rush away from component swap-outs with this practical option and keep your screen looking perfect!

Image quality

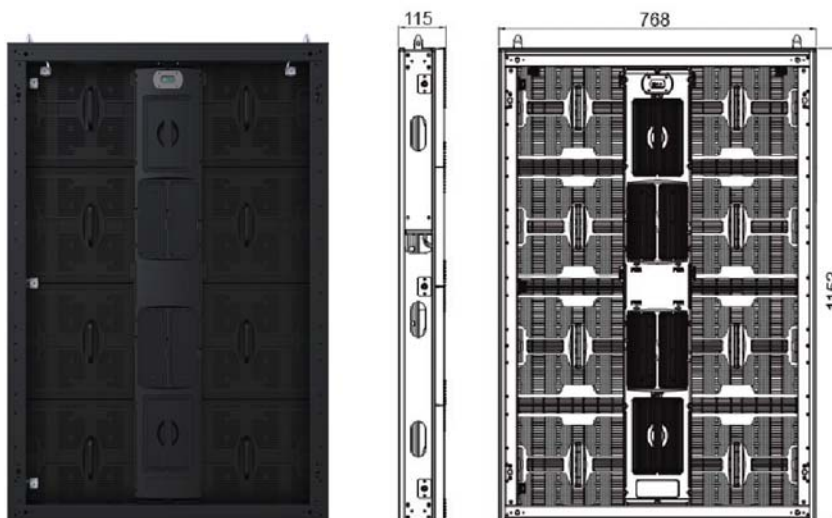
digiLED's image quality is renowned in the LED screen industry, but ultimately this is just a function of component selection and processing path. The thing that you can be sure of is that we're using the highest quality single bin, single batch LEDs and MBI drivers to deliver legendary images and camera friendly performance with refresh rates >2,000Hz.

Future proof

To further enhance visual acuity, QUASARo uses onboard calibration technology. Onboard, because all LED data is saved to flash memory on the tile rather than having to use remote data that is tiresome to manage and easy to corrupt. Our ethos is that calibration is not for the now, it's about future-proofing your LED screen's uniformity. We use the very best LEDs with tightly defined wavelengths, but as all LEDs age slightly differently, our calibration technology gives us the ability, in years to come, to bring your screen back to its beautiful best, quickly, efficiently and with little fuss.

Power to the ROI

As the price of LED screens fall, the costs of installation and running a system become a bigger percentage on the P&L. Working at an average consumption of just 200 watts, QUASARo is a stellar performer, and when you take the universal view; low installation costs, time saving remote monitoring and redundancy features, it's clear that QUASARo is complete star.



digiLED QUASARo

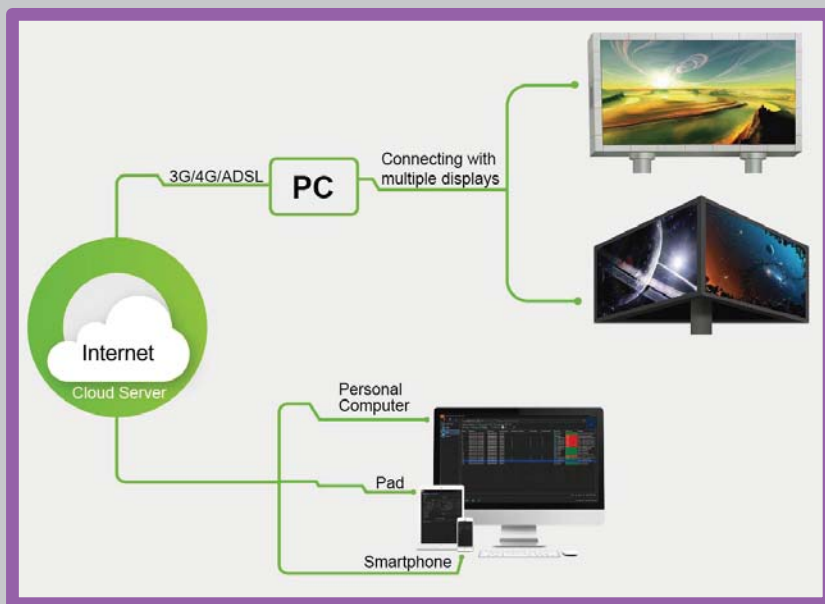
CONTROL INFORMATION

DMS Global Monitoring

Using a Cloud based system, digiLED's ground-breaking DOOH system QUASARo can be remotely controlled from a smartphone or tablet via a base station PC.

Using a fixed internet connection, or 3G/4G interface, all functions of the screen can be controlled and vital components monitored such as PSU voltage and humidity. In fact we can even detect right down to pixel level.

For ease of reporting, predetermined logs can be set-up for daily updates as well as options for response emails or text messages for untoward events.



MODULE SPECIFICATIONS

		QUASAR Q6000o	QUASAR Q8000o	QUASAR Q10o	QUASAR Q12o	QUASAR Q16o
LEDS						
Physical Pixel Pitch	mm	6.0	8.0	10.67	12	16
LEDs Per Pixel				1R1G1B		
Red Wavelength (Dominant)	nm			620		
Green Wavelength (Dominant)	nm			520		
Blue Wavelength (Dominant)	nm			465		
PIXELS						
Pixel Configuration				SMD 3-in-1		
LED Face Colour				Black body		
MODULE						
Standard Active Module Width	mm			768		
Standard Active Module Height	mm			1,152		
Standard Active Module Area	m2			0.885		
Module Depth	mm			115		
Physical Pixel Resolution (Width)	pixels/module	128	96	72	64	48
Physical Pixel Resolution (Height)	pixels/module	192	144	108	96	72
Physical Pixels Per Area	pixels/m2	27,777	15,625	8,789	6,944	3,906
Module Weight	kg			30		
LED Tile Width	mm			384		
LED Tile Height	mm			288		
Viewing Angle - Horizontal	degrees			>140		
Viewing Angle - Vertical	degrees			>140		
Ingress Protection	(Front)			IP65		
Ingress Protection	(Back)			IP65		
Surface Finish				Die-Cast Aluminium		
LED Fixings				Front or Rear access		
Storage Temperature Range	degree C			-20 to +50		
Operating Temperature Range	degree C			-10 to +45		
Operating Humidity Range	%			10 to 90 Non-condensing		
COLOUR						
Processing Depth colours	bits			16		
Number of Colours				281 trillion		
Refresh Rate	Hz			≥2,000		
BRIGHTNESS						
Brightness (After Calibration)	nits			>5,000		
Brightness Control				Auto/Manual		
Contrast ratio				2,000:1		
POWER						
Input Voltage	VAC			110~230		
Input Power (Average)	watts/module			200		
Input Power (Maximum)	watts/module			530		
OTHER						
Lifespan	hours			>100,000		
Computer System Type				PC Win7, Vista, XP, WIN2000		
Video Input				N/A		
Connection Method				N/A		
Connectors				USB, HDMI RJ45		
Control System				Integrated		
Remote Monitoring				Internet/system generated reports		
Certification				CE, EMC, FCC		

All specifications are correct at time of print, however they are liable to change and should be confirmed at point of order