digiLED iMAG-R

2.6mm PIXEL PITCH | **3.2mm** PIXEL PITCH | **3.9mm** PIXEL PITCH | **4.6mm** PIXEL PITCH | **5.2mm** PIXEL PITCH | LIGHTWEIGHT | LOW NOISE | WIDEVIEW | HIGH CONTRAST | EASY INSTALLATION

From the thoroughbred range of digiLED hi-res LED rental products comes the latest edition, the iMAG-R Series . Enhanced features including the digiLED fast-rig mechanism for quick build-ups and tear-downs, and robust mechanics with front/rear serviceability for extreme fast swap of components make iMAG the perfect product for life on the road. And when it comes to rugged good looks, the iMAG-R is in a class of it's own with breathtaking image quality for a complete proven cost-effective indoor solution.

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MODULE SPECIFICATIONS - **digiLED** iMAG-R

		iMAG-R 2600	iMAG-R 3200	iMAG-R 3900	iMAG-R 4600	iMAG-R 5200
LEDS						
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		
LEDs Per Area	LED/module	110,592	73,008	49,152	34,992	27,648
Physical Pixel Pitch	mm	2.604	3.205	3.906	4.63	5.208
Physical Pixel Resolution (Width)	pixels/module	192	156	128	108	96
Physical Pixel Resolution (Height)	pixels/module	192	156	128	108	96
Physical Pixel Resolution (Total)	pixels/module	36,864	24,336	16,384	11,664	9,216
Physical Pixels Per Area	pixels/m2	147,456	97,344	65,536	46,656	36,864
MODULE						
Standard Active Module Width	mm			500		
Standard Active Module Height	mm			500		
Standard Active Module Area	m2			0.25		
Module Depth	mm	105	105	100	100	100
Module Weight	kg	9	9	8	8	8
LED Tile Width	mm			250		
LED Tile Height	mm			250		
Viewing Angle - Horizontal	degrees	>140	>140	>140	>140	>140
Viewing Angle - Vertical	degrees	>160	>140	>140	>140	>140
Ingress Protection	(Front)			IP54		
Ingress Protection	(Back)			IP54		
Surface Finish				Aluminium		
LED Fixings				Front or rear access		
Storage Temperature Range	degree C			-10 to +40		
Operating Temperature Range	degree C			-10 to +40		
Operating Humidity Range	%			10 to 90 Non-condensing		
COLOUR						
Processing Depth colours				16bit		
Refresh Rate	Hz	>2,500	>1,900	>2,000	>2,000	>2,000
LED Driven Scanning		1/24	1/16	1/16	1/9	1/8
BRIGHTNESS						
Brightness (After Calibration)	nits	>900	>1,100	>1,100	>1,100	>1,100
Brightness Control				Auto/Manual		
Contrast ratio		4,000:1	4,000:1	4,000:1	4,000:1	4,000:1
POWER						
Input Voltage	VAC			110~230		
Input Power (Average)	watts/m2	168	180	138	180	144
Input Power (Maximum)	watts/m2	560	600	460	600	480
OTHER						
Lifespan	hours			>100,000		
Computer System Type				PC Win7, Vista, XP, WIN2000		
Video Input				DVI, HDMI		
Connection Method				HSYV		
Connectors				USB and RJ45		
Control System				digiLED Navigator NV		
Remote Diagnostics				Yes (on all major components) (alerts via email/SMS)		
Certification				CE, EMC Class A, (TUV), ETL, RoHS		

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

digiLED iMAG-R Module Information

REAR

100 - 105mm

500mm

500mm

FRONT