



# 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.



**VIDEO  
WALLTRONICS, INC.**

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22 LUKENS DR. NEW CASTLE, DE. 19720

302-328-4511 VOICE

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# MODULE SPECIFICATIONS - digiLED iMAG-R

	iMAG 1900	iMAG 2200	iMAG 2600	iMAG 3200	iMAG 3900	iMAG 4600	iMAG 5200	
<b>LEDs</b>								
LEDs Per Pixel	1R1G1B							
Red Wavelength (Dominant)	nm	620						
Green Wavelength (Dominant)	nm	520						
Blue Wavelength (Dominant)	nm	465						
<b>Pixels</b>								
Pixel Configuration	SMD 3-in-1							
LED Face Color	Black Body							
LEDs Per Area	LED/Module	205,932	153,228	110,592	73,008	49,152	34,992	27,648
Physical Pixel Pitch	mm	1.908	2.212	2.604	3.205	3.906	4.63	5.208
Physical Pixel Resolution (Width)	Pixels/Module	262	226	192	156	128	108	96
Physical Pixel Resolution (Height)	Pixels/Module	262	226	192	156	128	108	96
Physical Pixel Resolution (Total)	Pixels/Module	68,644	51,076	36,864	24,336	16,384	11,664	9,216
Physical Pixels Per Area	Pixels/m2	274,576	204,304	147,456	97,344	65,536	46,656	36,864
<b>Module</b>								
Standard Active Module Width	mm	500						
Standard Active Module Height	mm	500						
Standard Active Module Area	m2	0.25						
Module Depth	mm	105	105	105	105	100	100	100
Module Weight	kg	9	9	9	9	8	8	8
LED Tile Width	mm	250						
LED Tile Height	mm	250						
Viewing Angle - Horizontal	degrees	>140	>140	>140	>140	>140	>140	>140
Viewing Angle - Vertical	degrees	>160	>160	>160	>140	>140	>140	>140
Ingress Protection	(Front)	IP54						
Ingress Protection	(Back)	IP54						
Surface Finish	Aluminum							
LED Fixings	Front or Rear Access							
Storage Temperature Range	degree F	14 to 104						
Operating Temperature Range	degree F	14 to 104						
Operating Humidity Range	%	10 to 90 Non-Condensing						
<b>Color</b>								
Processing Depth Colors	16bit							
Refresh Rate	Hz	>2,500	>2,500	>2,500	>1,900	>2,000	>2,000	>2,000
LED Driven Scanning		1/24	1/24	1/24	1/16	1/16	1/9	1/8
<b>Brightness</b>								
Brightness (After Calibration)	nits	>900	>900	>900	>1,100	>1,100	>1,100	>1,100
Brightness Control	Auto/Manual							
Contast Ratio		4,000:1	4,000:1	4,000:1	4,000:1	4,000:1	4,000:1	4,000:1
<b>Power</b>								
Input Voltage	VAC	110~230						
Input Power (Average)	watts/m2	144	144	144	168	138	180	144
Input Power (Maximum)	watts/m2	480	480	480	560	460	600	480
<b>Other</b>								
Lifespan	Hours	>100,000						
Computer System Type	PC Win7, Vista, XP							
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 Class A, (YUV), FCC							

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



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# digiLED iMAG-R Module Information



REAR



100 - 105mm

500mm

500mm

FRONT



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