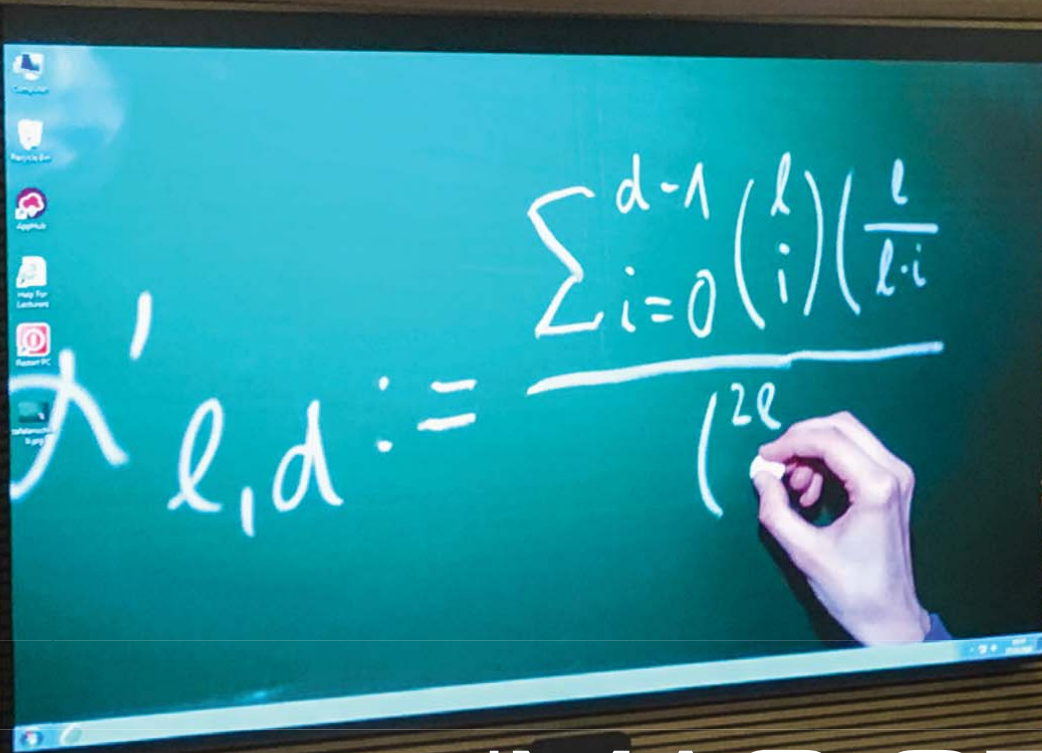




digiLED



digiLED iMAG SERIES

- 1.6mm PIXEL PITCH
- 1.9mm PIXEL PITCH
- 2.2mm PIXEL PITCH
- 2.6mm PIXEL PITCH
- 2.9mm PIXEL PITCH
- 3.2mm PIXEL PITCH
- 3.9mm PIXEL PITCH
- 4.6mm PIXEL PITCH
- 5.2mm PIXEL PITCH
- 6.25mm PIXEL PITCH



- LIGHTWEIGHT
- LOW NOISE
- WIDEVIEW
- HIGH CONTRAST
- EASY INSTALLATION

Next generation LED display technology featuring slick mechanics for true front access to all components and a seamless screen surface. Fully integrated remote diagnostics with alerts via email and SMS on all major electronic components. All-black LEDs provide exceptional contrast ratios and truly vivid colours. Silent operation and lightweight design reduces installation costs making the iMAG Series an obvious choice for indoor applications.

MODULE SPECIFICATIONS - digiLED iMAG SERIES

		iMAG 1600	iMAG 1900	iMAG 2200	iMAG 2600	iMAG 2900
LEDS						
Physical Pixel Pitch	mm	1.667	1.953	2.232	2.604	2.976
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	270,000	196,608	150,528	110,592	84,672
Physical Pixel Resolution (Width)	pixels/module	300	256	224	192	168
Physical Pixel Resolution (Height)	pixels/module	300	256	224	192	168
Physical Pixel Resolution (Total)	pixels/module	90,000	65,536	50,176	36,864	28,224
Physical Pixels Per Area	pixels/m2	360,000	262,144	200,704	147,456	112,896
MODULE						
Standard Active Module Width	mm	500				
Standard Active Module Height	mm	500				
Standard Active Module Area	m2	0.25				
Module Depth	mm	105				
Module Weight	kg	9				
LED Tile Width	mm	250				
LED Tile Height	mm	250				
Viewing Angle - Horizontal	degrees	> 140				
Viewing Angle - Vertical	degrees	> 160				
Ingress Protection	(Front)	IP54				
Ingress Protection	(Back)	IP32				
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				
BRIGHTNESS						
Brightness (After Calibration)	nits	>900				
Brightness Control		Auto/Manual				
Contrast ratio		4,000:1				
POWER						
Input Voltage	VAC	110-230				
Input Power (Average)	watts/m2	144	144	144	144	168
Input Power (Maximum)	watts/m2	480	480	480	480	560
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



MODULE SPECIFICATIONS - digiLED iMAG SERIES

		iMAG 3200	iMAG 3900	iMAG 4600	iMAG 5200	iMAG 6250
LEDS						
Physical Pixel Pitch	mm	3.205	3.906	4.63	5.208	6.250
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	73,008	49,152	34,992	27,648	19,200
Physical Pixel Resolution (Height)	pixels/module	156	128	108	96	80
Physical Pixel Resolution (Width)	pixels/module	156	128	108	96	80
Physical Pixel Resolution (Total)	pixels/module	24,336	16,384	11,664	9,216	6,400
Physical Pixels Per Area	pixels/m2	97,344	65,536	46,656	36,864	25,600
MODULE						
Standard Active Module Width	mm	500				
Standard Active Module Height	mm	500				
Standard Active Module Area	m2	0.25				
Module Depth	mm	100				
Module Weight	kg	8				
LED Tile Width	mm	250				
LED Tile Height	mm	250				
Viewing Angle - Horizontal	degrees	> 140				
Viewing Angle - Vertical	degrees	> 140				
Ingress Protection	(Front)	IP54				
Ingress Protection	(Back)	IP32				
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	>1,900	>2,000	>2,000	>2,000	>2,000
BRIGHTNESS						
Brightness (After Calibration)	nits	>1,100	>1,100	>1,100	>1,100	>1,100
Brightness Control		Auto/Manual				
Contrast ratio		4,000:1				
POWER						
Input Voltage	VAC	110-230				
Input Power (Average)	watts/m2	168	138	180	144	144
Input Power (Maximum)	watts/m2	560	460	600	480	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				

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digiLED iMAG Module Information

REAR



FRONT

