

digiLED DLP

Lightweight LED Panels



digiLED



LIGHTWEIGHT



LOW NOISE



WIDEVIEW



HIGH
CONTRAST



EASY
INSTALLATION

Ingenious lightweight modules formed from polymer nano-material weighing in at just over 20Kg per sqm and utilising single bin/batch LEDs, MBI driver ICs and Neutrik etherCON/powerCON True1 connectors. With a range of accessories including variable angle couplers (VAC) for convex/ concave screens, corner LED tiles for true right angled connections, triangle & rounded cornered tiles and the ability to use as an LED dance floor, banner system or stacked/hung screens.

Fully TUV CE certified and protected up to IP65, DLP is the most creative and flexible LED screen system on the market.



**VIDEO
WALLTRONICS, INC.**

22 LUKENS DR. NEW CASTLE, DE 19720
TEL. 302-328-4511 FAX 302-328-4558
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MODULE SPECIFICATIONS - digiLED DLP OUTDOOR

		DLPo4.8	DLPo5.9	DLPo6.25	DLPo7.8	DLPo8.9	DLPo10.4
LEDS							
Physical Pixel Pitch	mm	4.8077	5.9524	6.25	7.8125	8.9285	10.4
LEDs Per Pixel		1R1G1B					
Red Wavelength (Dominant)	nm	620					
Green Wavelength (Dominant)	nm	520					
Blue Wavelength (Dominant)	nm	465					
PIXELS							
Pixel Configuration		SMD 1921	SMD 2828	SMD 3535	SMD 3535	SMD 3535	SMD 3535
LED Face Colour		White					
LEDs Per Area	LED/m2	129,792	84,672	76,800	49,152	37,632	27,648
Physical Pixel Resolution (Width)	pixels	104	84	80	64	56	48
Physical Pixel Resolution (Height)	pixels	104	84	80	64	56	48
Physical Pixel Resolution (Total)	pixels	10,816	7,056	6,400	4,096	3,136	2,304
Physical Pixels Per Area	pixels/m2	43,264	28,224	25,600	16,384	12,544	9,216
MODULE							
Standard Active Module Width	mm	500					
Standard Active Module Height	mm	500					
Standard Active Module Area	m2	0.25					
Module Depth	mm	73					
Module Weight	kg	6.2	5.9	5.8	6	6	6
LED Tile Width	mm	250					
LED Tile Height	mm	250					
Viewing Angle - Horizontal	degrees	160					
Viewing Angle - Vertical	degrees	120					
Ingress Protection	(Front)	IP65					
Ingress Protection	(Back)	IP54					
Surface Finish		Polymer cast plastic					
LED Fixings F		Rear access					
Storage Temperature Range	degree C	-10 to +45					
Operating Temperature Range	degree C	-20 to +50					
Operating Humidity Range	%	10 to 90 Non-condensing					
COUPLING DEVICES							
Straight coupler Height	mm	83					
Straight coupler Width	mm	50					
Straight coupler Depth	mm	25					
Straight coupler Weight	grammes	88					
Variable angle coupler Height	mm	83					
Variable angle coupler Width	mm	65					
Variable angle coupler Depth	mm	141					
Variable angle coupler Max angle	degrees	15					
Variable angle coupler Weight	grammes	100					
Hanging bar Width	mm	420					
Hanging bar Depth	mm	50					
Hanging bar Height	mm	30					
Hanging bar Weight	kg	0.59					
COLOUR							
Processing Depth colours		16bit					
Refresh Rate	Hz	> 1,920					
BRIGHTNESS							
Brightness (After Calibration)	nits	> 6,000	> 6,000	> 6,000	> 6,000	> 5,500	> 5,500
Brightness Control		Auto/ Manual					
POWER							
Input Voltage	VAC	110/220					
Input Power (Average)	watts/m2	>380	>300	>320	> 250	> 170	> 345
Input Power (Maximum)	watts/m2	> 1,160	>900	>960	> 750	> 508	> 1,040
OTHER							
Lifespan	hours	100,000					
Computer System Type		PC Win7, Vista, XP					
Video Input		DVI, HDMI					
Connection Method		HSYV					
Connectors		Neutrik					
Control System		NovaStar					
Certification		RoHS, FCC, CE (pending), TUV, BV					
Typical average malfunction rate	per dot/panel	< 0.00003					

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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MODULE SPECIFICATIONS - digiLED DLP INDOOR

		DLPi2.8	DLPi3.1	DLPi3.9	DLPi4.4	DLPi4.8	DLPi5.2
LEDS							
Physical Pixel Pitch	mm	2.8409	3.1250	3.9062	4.4247	4.8077	5.2083
LEDS Per Pixel		1R1G1B					
Red Wavelength (Dominant)	nm	620					
Green Wavelength (Dominant)	nm	520					
Blue Wavelength (Dominant)	nm	465					
PIXELS							
Pixel Configuration		SMD2020	SMD2020	SMD 2020	SMD 2020	SMD 2020	SMD 3528
LED Face Colour		Black face	Black face	Black face	Black face	Black face	White face
LEDS Per Area	LED/m2	371,712	102,400	196,608	153,228	129,792	110,592
Physical Pixel Resolution (Width)	pixels	176	160	128	113	104	96
Physical Pixel Resolution (Height)	pixels	176	160	128	113	104	96
Physical Pixel Resolution (Total)	pixels	30,976	25,600	16,384	12,769	10,816	9,216
Physical Pixels Per Area	pixels/m2	123,904	78,800	65,536	51,076	43,264	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	73					
Module Weight	kg	5.2	5.2	5.7	5.2	6	5.7
LED Tile Width	mm	250					
LED Tile Height	mm	250					
Viewing Angle - Horizontal	degrees	150	150	150	150	150	160
Viewing Angle - Vertical	degrees	120					
Ingress Protection (Front)		IP50					
Ingress Protection (Back)		IP50					
Surface Finish		Polymer cast plastic					
LED Fixings		Rear access					
Storage Temperature Range	degree C	-10 to +45					
Operating Temperature Range	degree C	-20 to +50					
Operating Humidity Range	%	10 to 90 Non-condensing					
COUPLING DEVICES							
Straight coupler Height	mm	83					
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Hanging bar Depth	mm	50					
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Hanging bar Weight	kg	0.59					
COLOUR							
Processing Depth colours		16bit					
Refresh Rate	Hz	> 1,920					
BRIGHTNESS							
Brightness (After Calibration)	nits	> 1,000	> 1,000	> 1,000	> 1,200	> 1,200	> 1,200
Brightness Control		Auto/Manual					
POWER							
Input Voltage	VAC	110/220					
Input Power (Average)	watts/m2	> 144	> 266	> 233	> 240	> 210	> 230
Input Power (Maximum)	watts/m2	> 480	> 800	> 700	> 720	> 630	> 690
OTHER							
Lifespan	hours	100,000					
Computer System Type		PC Win7, Vista, XP					
Video Input		DVI, HDMI					
Connection Method		HSYV					
Connectors		Neutrik					
Control System		NovaStar					
Certification		RoHS, FCC, CE, EMC, TUV, BV					
Typical average malfunction rate	per dot/panel	< 0.00003					

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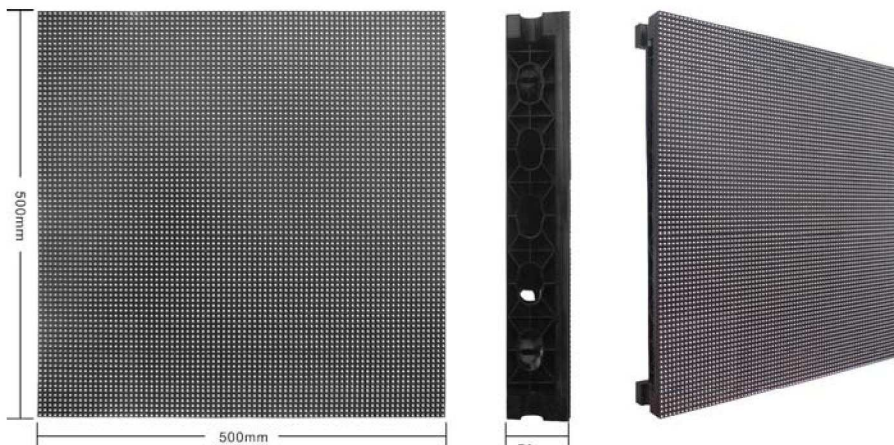
Introducing the digiLED Lightweight screen system

For ultra lightweight applications, the digiLED DLP LED display system is a fast rig/derig solution for the rental market. Easy, no-tool installation makes it ideal for event application.

If you have to make alterations to the screen, then a module can be quickly withdrawn or replaced in under one minute.

DLP has the ability to curve in any direction (convex or concave) up to 15 degrees. Each module has its own inbuilt power and data connectors and clips for easy storage.

MODULE DIMENSIONS



STRAIGHT COUPLER
showing twist lock



LONG STRAIGHT COUPLER
showing twist lock

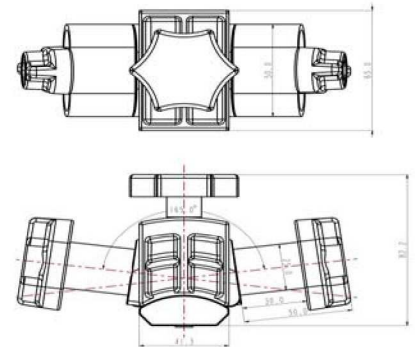


Standard system accessories

- Easy coupling straight or variable angle
- Inbuilt Neutrik power and data cables



VARIABLE ANGLE COUPLER (VAC)



HANGING BAR



All you need for the rental market

- Ultra fast rig/derig of up to 100 modules per hour
- IP65 protection on outdoor range
- Fast maintenance
- Lightweight and slim, to reduce installation costs
- TUV certification (with CE certification pending)
- Nova control system compatible
- Suspend up to 20 modules per 2 columns
- Unique one twist lock mechanism and precision alignment



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