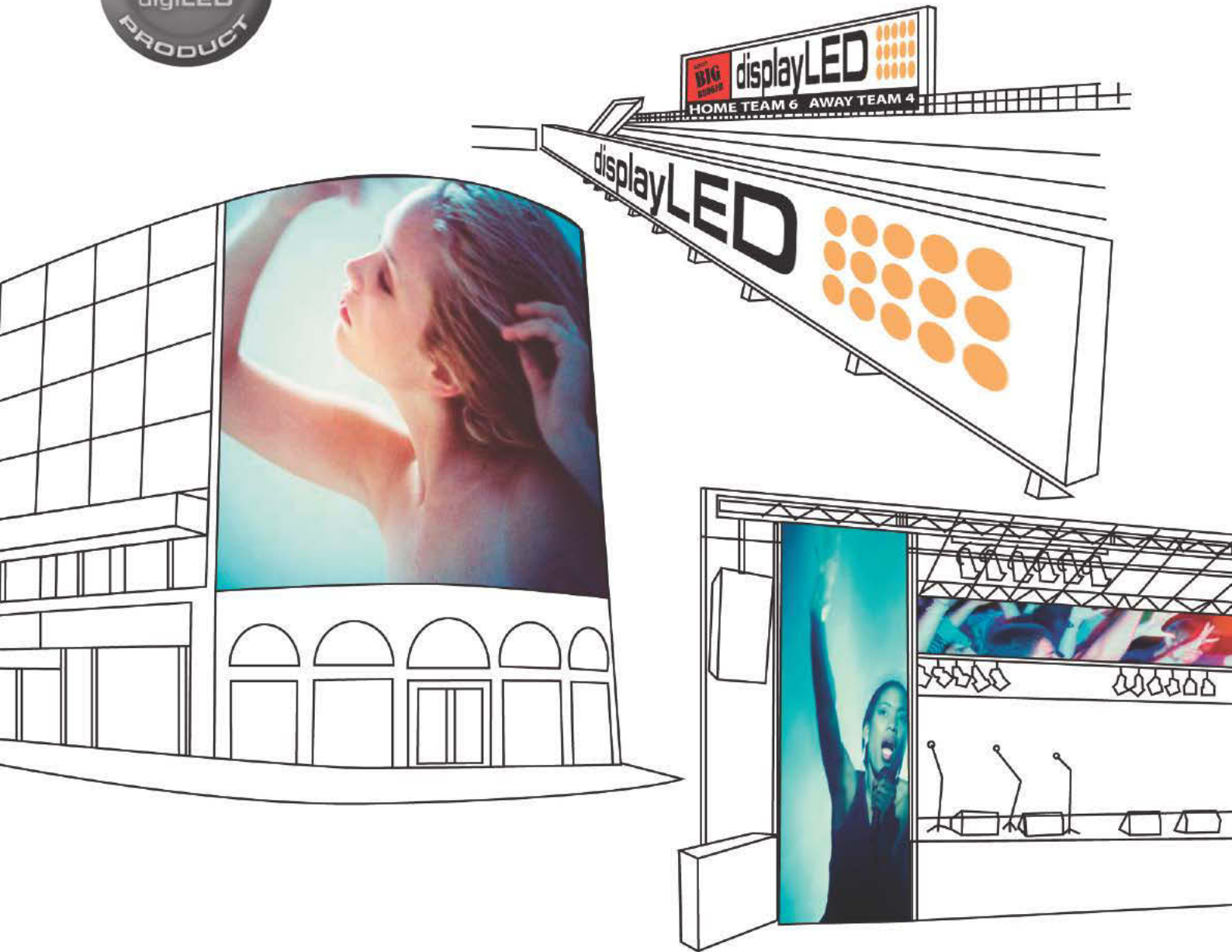


# LT Series



TRUE BLACK



EASY  
INSTALLATION



LIGHTWEIGHT



LOW NOISE



WIDEVIEW



HIGH  
CONTRAST



FCC EMI  
US & EU  
CERTIFIED

Cost-effective, lightweight indoor and outdoor LED video modules for rental and fixed applications.

Video WallTronics • 22 Lukens Drive • New Castle, Delaware • 302-328-4511  
[www.rentbigscreens.com](http://www.rentbigscreens.com) • [www.videowalltronics.com](http://www.videowalltronics.com)

# MODULE SPECIFICATIONS - **LT Series** outdoor

		LT10	LT13	LT13smd	LT16	LT16smd
<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		3-in-1	1R1G1B	3-in-1	1R1G1B	3-in-1
LEDs Per Area	LED/m <sup>2</sup>	30,000	16,875	16,875	11,718	11,718
Physical Pixel Pitch	mm	10	13.33	13.33	16	16
Physical Pixel Resolution (Width)	pixels	64	48	48	40	40
Physical Pixel Resolution (Height)	pixels	72	54	54	45	45
Physical Pixel Resolution (Total)	pixels	4,608	2,592	2,592	1,800	1,800
Physical Pixels Per Area	pixels/m <sup>2</sup>	10,000	5,625	5,625	3,906	3,906
<b>MODULE</b>						
Active Module Width	mm			640		
Active Module Height	mm			720		
Active Module Area	m <sup>2</sup>			0.4608		
Module Depth	mm			145		
Module Weight	kg			≤17		
LED Tile Width	mm			320		
LED Tile Height	mm			240		
Viewing Angle - Horizontal	degrees	140	110	140	110	140
Viewing Angle - Vertical	degrees	140	60	140	60	140
Ingress Protection (Front)				IP65		
Ingress Protection (Back)				IP54		
Cabinet Material and Surface Finish				Aluminium (Front access)		
LED Fixings				Fixed		
Storage Temperature Range	degree C			-20 to +45		
Operating Temperature Range	degree C			-20 to +45		
Operating Humidity Range	%			10 to 95 Non-condensing		
<b>COLOUR</b>						
Processing Depth	colours			14bit		
Refresh Rate	Hz			1,000		
<b>BRIGHTNESS</b>						
Brightness (After Calibration)	nits	>5,000	>5,000	>5,000	>5,000	>5,000
Brightness Control				Auto/Manual		
<b>POWER</b>						
Input Voltage	VAC			110/220		
Input Power (Frequency)	hz			50/60		
Input Power (Average)	watts	102	139	139	122	122
Input Power (Maximum)	watts	304	415	415	369	369
<b>OTHER</b>						
Lifespan	hours			100,000		
Computer System Type				PC Win7, Vista, XP		
Video Input					DVI, HDMI	
Connectors					Neutrik	

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 LT20S**

	<b>Unit</b>	<b>Value</b>
<b>LEDS</b>		
LEDs Per Pixel		3
Red Wavelength (Dominant)	nm	620
Green Wavelength (Dominant)	nm	520
Blue Wavelength (Dominant)	nm	465
LED Type	discrete	Silan
<b>PIXELS</b>		
Pixel Configuration		1R1G1B
LEDs Per Area	LED/m <sup>2</sup>	7,500
Physical Pixel Pitch	mm	20
Physical Pixel Resolution (Width)	pixels	32
Physical Pixel Resolution (Height)	pixels	36
Physical Pixel Resolution (Total)	pixels	1,152
Physical Pixels Per Area	pixels/m <sup>2</sup>	2,500
<b>MODULE</b>		
Active Module Width	mm	640
Active Module Height	mm	720
Active Module Area	m <sup>2</sup>	0.461
Module Depth	mm	90
Module Weight	kg	14.00
Viewing Angle - Horizontal	degrees	140
Viewing Angle - Vertical	degrees	140
Ingress Protection (Front)		IP65
Ingress Protection (Back)		IP54
Cabinet Material and Surface Finish		Aluminum
Storage Temperature Range	degree C	-20 to +45
Operating Temperature Range	degree C	-20 to +45
Operating Humidity Range	%	10 to 95
<b>COLOUR</b>		
Processing Depth	colours	16.7m
Refresh Rate	hz	1,000
<b>BRIGHTNESS</b>		
Brightness after calibration	nits	TBC
Brightness Control	*	Auto/Manual
<b>POWER</b>		
Input Voltage	VAC	110/220
Input Power (Frequency)	hz	50/60
Input Power (Average)	watts	100
Input Power (Maximum)	watts	300
Brand of Power Supply		MEANWELL
<b>OTHERS</b>		
Lifespan	hours	100,000
System Type		
* Additional sensor needed for Auto		

All specifications are subject to change without prior notification.

## One size fits all

With a standard size of 320mm x 240mm across the pixel range, the LT Tile offers an IP65 solution that's proving a hit with both the rental and fixed installation markets. Super-slim tiles with a depth of 55mm combine with fast-rig rental frames for the events market, with a weight of only 37kg per square metre. LT's small size is ideal for creating smooth faceted curves for creative fixed installations, and with ultra low power consumption, it's ideal for media owners.

## All you need:

- Lightweight
- IP65 for outdoor use
- Slim at only 45mm
- Low power consumption
- Standard tile size across pixel range
- Indoor and outdoor ranges



## Standard system accessories

- digiLED Navigator screen interface
- digiPRO & PRO HD processors
- Fast-rig rental frames
- Flight cases
- Hanging bars

# MODULE DIMENSIONS - LT Series

