Leyard TWS1.2

LED Video Wall

The Leyard® TWS1.2 is a fine pitch LED video wall display with a 1.2 millimeter pixel pitch. With a 27” cabinet, it features a 16:9 aspect ratio designed for Ultra HD resolution, is easy to handle and install, and works nicely for concave video walls. The Leyard TWS1.2 combines outstanding image quality, low power consumption and a mission-critical design with redundant power and video options.

SPECIFICATION	DETAIL
Product Name	TWS1.2
Pixel Pitch	1.25mm
LED Type	Commercial grade 3-in-1 Black SMD
Display Resolution	480 x 270
Pixel Density	640,000 / sq m | 59,450 / sq ft
LEDs per Display	129,600
Module Resolution	240 x 135
Module Size	300 x 168.75mm | 11.81 x 6.64in
LEDs per Module	32,400
Modules/Display (W x H)	2 x 2
Brightness Max (cd / sq m)	>800
Color Gamut	100% NTSC
Contrast Ratio	> 6,000:1
Brightness Uniformity	>97%
Color Uniformity	>97%
LED Refresh Rate	3000 Hz
Color Temperature, Adjustable (k)	3,200 - 9,300
Viewing Angle, Horizontal	160°
Viewing Angle, Vertical	140°
LED Surround	Black Solder Mask

Video Inputs	2x HDMI in, 2x HDMI out; HDCP Compliant
Video Input Resolution Maximum	1920 x 1080 @ 60Hz
Frame Rate	50, 60Hz
Control Input Type	RS232 or Ethernet
Color Processing	10-bit
Service Access	Rear
LED Lifetime: Typical	100,000 hrs
Display Size (W x H x D)	600 x 337.5 x 95mm | 23.62 x 13.28 x 3.74in
Display Diagonal	688.5mm | 27.1 in
Display Area	0.2025 sq m | 2.18 sq ft
Display Weight (per display)	4.7 kg | 10.4 lb
Display Weight (per sq m)	23.3 kg / sq m | 51.2 lbs / sq m
Line Voltage	100-240V AC, 50/60Hz autoranging
Power Consumption, Maximum (watts)	140 / Display | 700 / sq m
Power Consumption, Typical (watts)	48 / Display | 240 / sq m
Environment	Indoor
Power Supply	Single. Dual optional
Protection	IP40
Acoustic noise	Fanless Operation
Operating Temperature/Humidity (degrees F/C) 10-80% relative humidity, non-condensing	-10° to 40° C | -14° to 104° F
Storage Temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing	-20° to 60° C | -4° to 140° F
Regulatory Compliance	NRTL, FCC Class A, CE Class A, WEEE, EN60950 and CISPR 22/2010

For more information, please visit www.leyard.com

Specifications are subject to change without notice.

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