

Leyard TVH1.9

LED Video Wall

The Leyard® TVH Series is a line of high performance, fine pitch LED video walls available in 1.6, 1.9 and 2.5 millimeter pixel pitches. The Leyard TVH Series delivers industry-leading image quality and features an advanced design offering high reliability for a range of demanding indoor applications.



SPECIFICATION	DETAIL
Product Name	TVH1.9
Planar Part Number	TVH1.9
Pixel Pitch	1.923mm
LED Type	3-in-1 Black SMD
LEDs per Cabinet	32,448
Cabinet Resolution	208 x 156
Cabinet Size (W x H x D)	15.75" x 11.87" x 3.66" (400 mm x 300 mm x 93 mm) (cabinet only, not including mount)
Cabinet Diagonal	19.69" (500 mm)
Cabinet Area	1.29 sq. feet (0.12 sq. meters)
Modules/Cabinet (W x H)	2 x 2
Module Resolution	104 x 78
LEDs per Module	25,153 per sq. foot (270,400 per sq. meter)
Module Size	7.9" x 5.9" x 0.5" (200 mm x 150 mm x 13 mm)
LED Display Module Weight	0.77 lb (0.35 kg)
Power Consumption, Maximum (watts)	100/cabinet, 830 per sq. meter
Power Consumption, Typical (watts)	30/cabinet, 250 per sq. meter
Line Voltage	100-240 Volts AC, 50 & 60Hz
LED Cabinet Weight	13.9 lbs (6.3 kg)

Flatness	0.2 mm
Brightness, Uncalibrated, Calibrated	NA, 800 nits
Contrast Ratio	3,000:1
Brightness, Uniformity	97%
Color Uniformity	97%
Color Space	92% NTSC
LED Refresh Rate	3,000 Hz
Color Temperature, Adjustable (k)	3,200-9,300
Viewing Angle, Horizontal	160°
Viewing Angle, Vertical	140°
Pixel Configuration	SMD 3-in-1 (1R1G1B)
LED Configuration	1 Red, 1 Green, 1 Blue
LED Surround	Black
Video Input Type	HDMI
Frame Rate	50, 60 Hz
Control Input Type	RS232 or Ethernet
Runtime Duty Cycle	24x7
LED Lifetime	100,000 hours
Warranty	2 year limited warranty
Adjustable Mount	Optional
Installation, Service	Rear
Redundancy	Optional dual power supply, optional redundant video cabling
Display Control	Leyard® Control Software included
Environment	Indoor
Acoustic Noise	Fanless Operation
Operating Temperature/Humidity (degrees F/C, relative humidity)	+14° to +104°F (-10° to +40°C) at 10-80% RH
Storage Temperature/Humidity (degrees F/C, relative humidity)	-4° to 140°F (-20° to +60°C) at 10-85% RH

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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