



# Planar TVH1.6

## LED Video Wall

The Planar® TVH Series is a high performance, fine pitch LED video wall available in a 1.6 millimeter pixel pitch. The Planar 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	TVH1.6
Planar Part Number	TVH1.6
Pixel Pitch	1.667 mm
LED Type	3-in-1 Black SMD
Cabinet Resolution	240x180
Pixel Density	33,488 per sq. foot (360,000 per sq. meter)
Cabinet Size (W x H x D)	15.75" x 11.81" 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	120 x 90
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
Flatness	0.2 mm
Brightness, Uncalibrated, Calibrated	NA, 800 nits

<b>Contrast Ratio</b>	3,000:1
<b>Brightness, Uniformity</b>	97%
<b>Color Uniformity</b>	97%
<b>Color Space</b>	92% NTSC
<b>LED Refresh Rate</b>	2,100 Hz
<b>Color Temperature, Adjustable (k)</b>	3,200-9,300
<b>Viewing Angle, Horizontal</b>	160°
<b>Viewing Angle, Vertical</b>	140°
<b>Pixel Configuration</b>	SMD 3-in-1 (1R1G1B)
<b>LED Configuration</b>	1 Red, 1 Green, 1 Blue
<b>LED Surround</b>	Black
<b>Video Input Type</b>	HDMI
<b>Frame Rate</b>	50, 60 Hz
<b>Control Input Type</b>	RS232 or Ethernet
<b>Runtime Duty Cycle</b>	24x7
<b>LED Lifetime</b>	100,000 hours
<b>Warranty</b>	2 year limited warranty
<b>Adjustable Mount</b>	Optional
<b>Installation, Service</b>	Rear
<b>LED Cabinet Weight</b>	13.9 lb (6.3kg/cabinet; 53kg/sq. meter)
<b>Redundancy</b>	Optional dual power supply, optional redundant video cabling
<b>Display Control</b>	Leyard® Control Software included
<b>Environment</b>	Indoor
<b>Acoustic Noise</b>	Fanless Operation
<b>Storage Temperature/Humidity (degrees F/C, relative humidity)</b>	-4° to 140°F (-20° to +60°C) at 10-85% RH
<b>Operating Temperature/Humidity (degrees F/C, relative humidity)</b>	+14° to +104°F (-10° to +40°C) at 10-80% RH

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

*Specification Report Date: 8/10/2020*

*© Copyright 2020 Planar Systems, Inc. All rights reserved*