



LCD, 5,000 lumens, 16,000:1 contrast ratio, various wireless functions

## PT-VZ585N

Bring native Full HD video to big screens in small places. Designed for education and corporate applications

### Key Features

LCD, 5,000 lumens, WUXGA

High brightness and high resolution in compact and lightweight body

Various Wireless Function >> Wi-Fi Certified Miracast with Moderator mode >> Easy Wireless pairing support

Long lamp and filter replacement cycle up to 7,000 hours

16,000:1 contrast ratio



## PT-VZ585N

<https://eu.connect.panasonic.com/dk/en/products/projectors/pt-vz585n>

**Power Supply**  
**Power Consumption \*1**

AC 100-240 V, 50/60 Hz  
400 W (North America),  
410 W (other countries)

When [STANDBY MODE] is set to [ECO] : approx. 0.3 W (North America,Taiwan), approx. 0.5 W (Other countries)  
When [STANDBY MODE] is set to [NORMAL] and [IN STANDBY MODE] of [AUDIO SETTING] is set to [OFF]: approx. 12 W

<b>BTU Value</b>	1,365 BTU (North America), 1,399 BTU (Other countries)
<b>LCD Panel   Panel Size</b>	16.3 mm (0.64 inches) diagonal (16:10 aspect ratio)
<b>LCD Panel   Display Method</b>	Transparent LCD panel (x 3, R/G/B)
<b>LCD Panel   Drive Method</b>	Active matrix method
<b>LCD Panel   Pixels</b>	2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels
<b>Lens</b>	Manual zoom (1.6x), manual focus, F 1.6-2.12, f 15.30 - 24.64 mm
<b>Lens   Throw Ratio</b>	1.09-1.77:1
<b>Lamp</b>	280 W UHM lamp
<b>Projection Size</b>	0.76-7.62 m (30-300 inches) diagonally, 16:10 aspect ratio
<b>Colors</b>	Full color (16,777,216 colors)
<b>Light Output *2</b>	5,000 lumens (Lamp power: Normal, Dynamic mode, Iris off, Daylight View:off, Auto Power Save:off)
<b>Center-to-Corner Uniformity</b>	85%
<b>Contrast Ratio*2</b>	16,000:1(all white/all black, Image mode:Dynamic, Lamp power: Normal, Iris: On)
<b>Resolution</b>	1920 x 1200 pixels (Input signals that exceed this resolution will be converted to 1920 x 1200 pixels.)
<b>Lamp Replacement Cycle</b>	Normal: 5,000 hours, Eco1: 6,000 hours, Eco2: 7,000 hours
<b>Filter Replacement Cycle</b>	7,000 hours (Period varies depending on usage environment. It can be washed and reused up to 2 times.) •Moving image signal resolution: 480i (525i)*3, 576i (625i)*3, 480p (525p), 576p (625p), 720 (750)/60p, 720 (750)/50p, 1080 (1125)/60i, 1080 (1125)/50i, 1080 (1125)/25p, 1080 (1125)/24p, 1080 (1125)/24sF, 1080 (1125)/30p, 1080 (1125)/60p, 1080 (1125)/50p Still image signal resolution: 640 x 400 to 1920 x 1200 (non-interlace) •Dot clock frequency: 25 MHz to 162 MHz
<b>Scanning Frequency   HDMI/DIGITAL LINK</b>	fH: 15- 91kHz, fV: 24 - 100Hz, dot clock: 162 MHz or less
<b>Scanning Frequency   RGB</b>	480i (525i): fH 15.73 kHz; fV 59.94 Hz, 576i (625i): fH 15.63 kHz; fV 50 Hz, 480p (525p): fH 31.47 kHz; fV 59.94 Hz, 576p (625p): fH 31.25 kHz; fV 50 Hz, 720 (750)/60p: fH 45.00 kHz; fV 60 Hz, 720 (750)/50p: fH 37.50 kHz; fV 50 Hz, 1080 (1125)/60i: fH 33.75 kHz; fV 60 Hz, 1080 (1125)/50i: fH 28.13 kHz; fV 50 Hz, 1080 (1125)/25p: fH 28.13 kHz; fV 25 Hz, 1080 (1125)/24p: fH 27.00 kHz; fV 24 Hz, 1080 (1125)/24sF: fH 27.00 kHz; fV 48 Hz, 1080 (1125)/30p: fH 33.75 kHz; fV 30 Hz, 1080 (1125)/60p: fH 67.50 kHz; fV 60 Hz, 1080 (1125)/50p: fH 56.25 kHz; fV 50 Hz
<b>Scanning Frequency   YPBPR (YCBCR)</b>	fH: 15.73 kHz / 15.63 kHz fV: 59.94 Hz / 50 Hz [NTSC/NTSC4.43/PAL/PAL60/PAL-N/PAL-M/SECAM]
<b>Scanning Frequency   Video</b>	CEILING/DESK/AUTO, FRONT/REAR
<b>Installation</b>	4.0 cm round-type x 1
<b>Speaker</b>	10 W (monaural)
<b>Maximum Usable Volume Output</b>	Vertical 0 - +44% from center of screen (manual) U/D ratio 17:1 (when on top end)
<b>Optical Axis Shift</b>	high-density D-Sub 15 p (female) [RGB signal] R: 0.7 Vp-p ,75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G) , 75 ohms, B: 0.7 Vp-p ,75 ohms HD, VD/SYNC: TTL, high impedance, positive/negative automatic [YPBPR signal] Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
<b>Terminals   Computer 2 In/1 Out</b>	high-density D-Sub 15 p (female) [RGB signal] R: 0.7 Vp-p ,75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G) , 75 ohms, B: 0.7 Vp-p ,75 ohms HD, VD/SYNC: TTL, high impedance, positive/negative automatic [YPBPR signal] Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
<b>Terminals   Computer 1 In</b>	Pin jack 1.0 Vp-p, 75 ohms
<b>Terminals   Video In</b>	HDMI 19 pin, HDCP and Deep color compatible
<b>Terminals   HDMI 1 In</b>	Audio signals : Linear PCM (Sample frequency : 48 kHz/44.1 kHz/32 kHz)
<b>Terminals   HDMI 2 In</b>	HDMI 19 pin, HDCP and Deep color compatible Audio signals : Linear PCM (Sample frequency : 48 kHz/44.1 kHz/32 kHz)
<b>Terminals   Audio In 1</b>	M3 stereo mini jack, 0.5 V[rms], input imedance 22 k ohms and more
<b>Terminals   Audio In 2</b>	M3 stereo mini jack, 0.5 V[rms], input imedance 22 k ohms and more
<b>Terminals   Audio In 3</b>	Pin jack x 2(L-R), 0.5 V[rms], input imedance 22 k ohms and more
<b>Terminals   Variable Audio Out</b>	M3 stereo mini jack, 0 V[rms] to 2.0 V[rms] variable, output imedance 2.2 k ohms and less
<b>Terminals   USB A (Viewer/Pairing)</b>	USB connector (type A)

<b>Terminals   USB B (Display)</b>	USB connector (type B)
<b>Terminals   Serial In</b>	D-sub 9 pin, RS-232C compliant, for computer control use
<b>Terminals   DIGITAL LINK/LAN</b>	RJ-45, for network, DIGITAL LINK connection, PLink™ compatible, 100Base-TX
<b>Power Cord Length</b>	3.0 m(9 ft 10 in)(India), 2.0 m(6 ft 7 in)(Other countries )
<b>Cabinet Materials</b>	Molded plastic
<b>Dimensions (W x H x D)</b>	389 x 125*4x 332mm (15-5/16 x 4-29/32*4x 13-1/16inches)
<b>Weight *5</b>	Approx. 4 .9 k g (10.8 lbs)
<b>Noise Level *2</b>	37dB (LAMP POWER: NORMAL/ECO1), 29dB (LAMP POWER: ECO2)
<b>Operating Environment   Temperature*6</b>	0°C (32°F) to 40°C (104°F) (Elevation: below 1,200 m (3,937')) 0°C (32°F) to 30°C (86°F) (Elevation: 1,200 m (3,937') - 2,700m (8,858') )
<b>Operating Environment   Humidity</b>	20% to 80% (no condensation)
<b>Note</b>	<p>Weights and dimensions shown are approximate. Specifications subject to change without notice.</p> <p>*1 When the Standby mode is set to Eco, network functions such as power on over the LAN network will not operate.</p> <p>Also, only certain commands can be received for external control using the serial terminal.</p> <p>*2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.</p> <p>*3 Only compatible with dot clock frequency of 27 MHz (pixel repetition signal) for 480i (525i) and 576i (625i)</p> <p>*4 When adjustable feet shortened.</p> <p>*5 Average value. May differ depending on models.</p> <p>*6 If [LAMP POWER] set to [NORMAL], [LAMP MODE] will be switched to [ECO1] automatically when the operating environment temperature is 35°C (95°F) to 40°C (104°F).</p>
<b>Brightness Technology</b>	5000 lumens LCD