Advanced Portable Projectors
with High Brightness, DIGITAL LINK*,
Wireless Functions**, and Abundant Features.

* DIGITAL LINK: PT-VW431D only.
** Wireless function: PT-VW435N/VX505N/VX500NT only.
Presenting the PT-VW440 Series with its brighter, crisper projection, and the PT-VW330 Series with its versatile eco functions.

A DIGITAL LINK-ready model and Wireless-ready models are also available to support every situation — from business to education.

**DIGITAL LINK Projection Advantages**

**High-quality digital transmission over a single cable:**
By combining the PT-VW431D and optional ET-YFB100G Digital Interface Box, video, audio and control signals can be transmitted up to 100 meters (328 feet) through a single CAT5e (STP) cable or higher. This simplifies cabling and system upgrades, making it ideal for ceiling-mounted and other permanent installations.

**Compatible with another manufacturer’s equipment:**
In addition to connecting to the optional ET-YFB100G Digital Interface Box, the DIGITAL LINK terminal is compatible with another manufacturer’s peripheral devices.* This makes it easy to configure a wide variety of systems.

---

**Wireless Projection Advantages**

**Smother, more productive meetings:**
Set-up is easy and multiple participants can bring and use their own notebook PCs for projection.

**Presentations can be made from anywhere in the room:**
PCs can be arranged in a flexible layout without passing around cables.

**Smart presentations with iOS/Android devices:**
PowerPoint®/PDF files, JPEG images, web pages,* and photos** can be projected by wireless transmission from iOS/Android devices.

---

*All confirmed compatible models will be listed on the website.*

---

**Superbly Bright Portables**

**PT-VW440 SERIES**

**PT-VW431D**
- WXGA
- 4,300 lm
- 3,500:1
- 1.6x Zoom
- DIGITAL LINK

**PT-VW435N**
- WXGA
- 4,300 lm
- 3,500:1
- 1.6x Zoom
- Wireless Function

**PT-VW440**
- WXGA
- 4,800 lm
- 3,500:1
- 1.6x Zoom

**PT-VX505N**
- XGA
- 5,000 lm
- 4,000:1
- 1.6x Zoom

**PT-VX510**
- XGA
- 5,500 lm
- 4,000:1
- 1.6x Zoom

**Compact and Eco-friendly**

**PT-VW330 SERIES**

**PT-VW330**
- WXGA
- 3,300 lm
- 3,500:1
- 1.6x Zoom
- DIGITAL LINK

**PT-VX400NT**
- XGA
- 4,000 lm
- 2,000:1
- 1.6x Zoom
- Wireless Function

**PT-VX400**
- XGA
- 4,000 lm
- 2,000:1
- 1.6x Zoom

**PT-VX41**
- XGA
- 4,000 lm
- 2,000:1
- 1.6x Zoom

---

*Product numbers vary depending on the market. The general guideline is as follows:
The product number in South America and Taiwan is PT-VW330U, VX400NTU, VX400U and PT-VX41U. The product number in Europe (except the UK) and CIS is PT-VW330E, VX400NTE, VX400E and PT-VX41E. The product number in the UK, Asia (except Taiwan), Oceania, Middle East, and Africa is PT-VW330EA, VX400NTEA, VX400EA and PT-VX41EA.*

**NEW**

*For iOS devices only.
**Only for photos taken with the built-in camera of an iOS device.*

---

*All confirmed compatible models will be listed on the website.*

---

**Advanced Portable Projectors for Versatile Use**
Superb Performance in a Compact Body

A Highly Bright Portable with a Maximum of 5,500 lm*1

The PT-VX505N/VX510 and PT-VW431D/VW435N/VW440/VX510 rank high in the portable projector category with a high brightness ranging from 4,300 lm to 5,500 lm, respectively. All models also incorporate a variable iris that produces a high contrast of 4,000:1."** This all combines to provide brighter, sharper projection for versatile situations.

4,000 lm/3,000 lm*2 of Brightness in a Compact Body

A remarkable 4,000 lm/3,000 lm*2 of brightness have been achieved in a compact, easy-to-carry body, weighing only 3.6 kg (7.9 lbs) or less.** Bright, clear images enhance a variety of viewing situations and applications.

The Daylight View Basic Function Ensures Clear Images Even in Brightly Lit Rooms

Panasonic’s Daylight View Basic technology achieves sharp, easy-to-see images by clearly reproducing the details in dark image areas, which were previously difficult to see in brightly lit rooms. A built-in sensor measures the ambient light, and the Daylight View Basic function adjusts the halftone color and brightness level according to the surrounding illumination.

Long-Lasting Lamps and Air Filters

The PT-VW330/VX400NT/VW440/VX41 have a maximum lamp replacement cycle of 5,000 hours.** The air filters of the PT-VW330/VW400NT/VW440/VX41 also have a replacement cycle of 6,000 hours.** This reduces maintenance hassles for long periods of use, and helps to lower maintenance costs and reduce environmental impact.

Versatile Eco Performance Helps the Environment

Intelligent Lamp Control System Reduces Power Consumption

When the lamp power is set to Auto, the intelligent lamp control system automatically adjusts the lamp output in accordance with the brightness of the projected image and reduces it by up to 70%. It also combines with color shift correction, which corrects the shift in the color balance that occurs when the lamp output drops. As a result, power consumption is effectively reduced while excellent color performance is maintained.

Displaying the Total Amount of Reduced Power Consumption and CO₂ Emission

When the lamp power is set to Eco1, Eco2 or Auto, you can display the total amount of reduced power consumption and decreased CO₂ emission compared to when the lamp power is set to Normal. It can be shown by day, month or year. Quantitatively checking these reduction amounts helps to increase the awareness of energy saving and the environment.

Environmentally Friendly Standby Power Consumption

When the Standby mode is set to Eco, the standby power consumption is up to 0.48 W.*8 This lowers running costs, and helps to reduce environmental impact.

Quiet 29-dB*7 Design Does Not Interrupt Meetings or Classes

The quiet design keeps noise levels down to 29 dB,*7 so the sound of the cooling fan is hardly noticeable. This helps the audience to keep their attention on the speech when someone is giving a presentation or on the screen images during quiet scenes.

Ecology-Conscious Design

- No halogenated flame retardants are used in the cabinet.
- Non-coated cabinet for easy recycling
  (For the PT-VW341D/VW435N/VW440/VX505N/VX510).
- Lead-free glass is used for the lens.
- Lamp power switching further reduces power consumption.
- Standby power consumption of only 0.48 W** has been achieved.
- RoHS compliant

*2 *1 *2
*3 Weight by model - PT-VX505N: approx. 3.6 kg (7.9 lbs), PT-VW400NT/VX400: approx. 3.5 kg (7.7 lbs), PT-VW41: approx. 3.4 kg (7.5 lbs).
*4 This is the maximum value when the lamp power is set to Eco (Eco1 or Eco2 in the PT-VW330/VX400NT/VX400/VX41), with the lamp turned on for 2 hours and off for 0.25 hour.
*5 Increases in the lamp on cycle or extended use with the lamp continuously turned on will shorten the lamp replacement cycle. When the lamp power is set to Normal, the lamp replacement cycle is 2,500 hours for the PT-VW431D/VW435N/VW440/VX510 and 3,000 hours for the PT-VW330/VX400NT/VX400/VX41. The usage environment affects the lamp replacement cycle.
*6 Lamp power: PT-VW431D/VW435N/VW440/VX510: Eco, PT-VW330/VW400NT/VX400/VX41: Eco1 or Eco2. The usage environment affects the duration of the filter.
*7 Air filters of the PT-VW330/VX400NT/VX400/VX41 have a maximum lamp replacement cycle of 5,000 hours.** The air filters of the PT-VW330/VX400NT/VX400/VX41 also have a replacement cycle of 6,000 hours.** This reduces maintenance hassles for long periods of use, and helps to lower maintenance costs and reduce environmental impact.

*8 Standby power consumption: PT-VW341D/VW435N/VW440/VX505N/VX510: 0.3 W, PT-VW431D/VW440/VX505N/VX510: 0.48 W. Standby mode: Eco. When the Standby mode is set to Eco, network functions such as standby via LAN are not available. Also, only certain commands can be accepted via LAN using the serial terminal.

*9 When the lamp power is set to Eco1 or Eco2 for the PT-VW330/VX400NT/VX400/VX41, the standby power consumption is up to 0.31 W. When the lamp power is set to Eco, the standby power consumption is up to 0.48 W.** This lowers running costs, and helps to reduce environmental impact.

*10 Eco1: 140 V, 50/60 Hz, 15 W, Eco2: 140 V, 50/60 Hz, 11 W, "The quiet design keeps noise levels down to 29 dB.*7 so the sound of the cooling fan is hardly noticeable. This helps the audience to keep their attention on the speech when someone is giving a presentation or on the screen images during quiet scenes.


dB: Sound Pressure Level (decibel)

**dB: Sound Power Level (decibel)

*When the lamp power is set to Eco1 or Eco2 for the PT-VW330/VX400NT/VX400/VX41, the standby power consumption is up to 0.31 W. When the lamp power is set to Eco, the standby power consumption is up to 0.48 W.** This lowers running costs, and helps to reduce environmental impact.

*8 Standby power consumption: PT-VW341D/VW435N/VW440/VX505N/VX510: 0.3 W, PT-VW431D/VW440/VX505N/VX510: 0.48 W. Standby mode: Eco. When the Standby mode is set to Eco, network functions such as standby via LAN are not available. Also, only certain commands can be accepted via LAN using the serial terminal.

*9 When the lamp power is set to Eco1 or Eco2 for the PT-VW330/VX400NT/VX400/VX41, the standby power consumption is up to 0.31 W. When the lamp power is set to Eco, the standby power consumption is up to 0.48 W.** This lowers running costs, and helps to reduce environmental impact.

*8 Standby power consumption: PT-VW341D/VW435N/VW440/VX505N/VX510: 0.3 W, PT-VW431D/VW440/VX505N/VX510: 0.48 W. Standby mode: Eco. When the Standby mode is set to Eco, network functions such as standby via LAN are not available. Also, only certain commands can be accepted via LAN using the serial terminal.

*9 When the lamp power is set to Eco1 or Eco2 for the PT-VW330/VX400NT/VX400/VX41, the standby power consumption is up to 0.31 W. When the lamp power is set to Eco, the standby power consumption is up to 0.48 W.** This lowers running costs, and helps to reduce environmental impact.

*8 Standby power consumption: PT-VW341D/VW435N/VW440/VX505N/VX510: 0.3 W, PT-VW431D/VW440/VX505N/VX510: 0.48 W. Standby mode: Eco. When the Standby mode is set to Eco, network functions such as standby via LAN are not available. Also, only certain commands can be accepted via LAN using the serial terminal.
Convenient Functions for Portable and Ceiling-Mounted Applications

**Transmits Digital Signals up to 100 meters (328 feet) with a Single Cable**

**DIGITAL LINK**

Blu-ray Disc Player
HD Visual Communications System
Video Recorder or DVR
Desktop PC
Notebook PC
Document Camera
HDMI input (video/audio)
HDMI input (video/audio)
S-Video input/Audio input
RGB input
RGB input
Video input

**CAT5e (STP) cable or higher**

Video, audio and control signals (up to 100 meters/328 feet)

**DIGITAL LINK**

**LCD Projector PT-VW431D**

Input selection and other ET-YFB100G operations can be performed with the projector’s remote control.

**Easy System Upgrade — By Combining with the Optional ET-YFB100G Digital Interface Box**

Simply combine the DIGITAL LINK-ready PT-VW431D with the optional ET-YFB100G Digital Interface Box, which is equipped with a variety of input terminals, including HDMI, to transmit video, audio and control signals up to 100 meters (328 feet) through a single CAT5e (STP) cable or higher. This simplifies cabling for ceiling-mounted and other permanent installations because it only requires running a single cable to the projector. Also, input selection and other ET-YFB100G operations can be easily performed with the remote control of the PT-VW431D.

**Digital Interface Box ET-YFB100G (optional)**

**10-Watt Speakers and a Microphone Input Enables Audio Playback Directly from the Projector**

**VT431D**
**VT435N**
**VT440**
**VT505N**
**VTX10**

These portable projectors feature high-output 10-watt speakers that produce a high sound volume without requiring external speakers. They also feature a microphone input terminal that allows microphone sounds to be output from the projector. These features make presentations even more effective.

**HDMI Input Terminal and Abundant Interfaces**

**VT431D**
**VT435N**
**VT440**
**VT505N**
**VTX10**

Extensive interfaces include an HDMI input terminal, 2 sets of computer (RGB) input terminals, a wired LAN terminal, and a serial (RS-232C) terminal for external control. These features support a wide range of system architectures for portable or ceiling-mounted use.

**Easy Remote Monitoring and Control over a LAN**

**VT431D**
**VT435N**
**VT440**
**VT505N**
**VTX10**

Web browser on a computer connected through a LAN system lets you remotely operate projectors and check their status. An e-mail messaging function can also notify you when a lamp needs replacement, and indicate the overall projector status. In addition, Multi Projector Monitoring and Control Software is available for monitoring and controlling multiple Panasonic projectors from a single PC. The wired LAN terminal is compatible with PJLink™ (class 1), an open protocol that is used by many manufacturers, to enable integrated control of systems that contain different brands of projectors.

**Crestron Connected™**

**VT431D**
**VT435N**
**VT440**
**VT505N**
**VTX10**

The LAN terminal allows a computer connected to the network to use Crestron Connected™ application software to manage and control system devices.

For more information about another manufacturer’s confirmed equipment, please visit [http://panasonic.net/avc/projector/](http://panasonic.net/avc/projector/)
Easy Wireless Projection from Multiple PCs

Smaller, more productive meetings
Set-up is easy and multiple participants can bring and use their own notebook PCs for projection.

- Wireless Manager ME 6.0/5.5** Multifunctional Application Software

The Wireless Manager ME 6.0/5.5** application provided with the projector allows easy transfer*10 of data from the screen of a personal computer*11 through a PC’s wireless LAN function.*11 It can be used to transfer audio files.*12 Screen images from multiple computers can also be projected, and Multi-Live mode allows the simultaneous projection of up to 16 computers. The newest Wireless Manager ME 6.0, which supports the PT-VW435N/VX505N, greatly shortens the starting time and increases the transfer speed. The graphical user interface (GUI) has been redesigned to make operation simpler and easier to understand. This all combines to make presentations more flexible and effective.

- The Optional Easy Wireless Stick (ET-UW100) Simplifies Wireless Projection

The ET-UW100 integrates a wireless application and a wireless LAN adapter. Simply plug it into the computer’s USB port for easy wireless projection*13 of the computer screen.*14 Multi-Live mode*15 lets you project images from up to 16 computers simultaneously.

Wireless Projection from a Tablet or Smartphone

In addition to the “Panasonic Wireless Projector for iOS” application software, which allows wireless projection from an iPad, iPhone, or iPod touch, the “Panasonic Wireless Projector for Android” application software is newly provided. They both let you send PowerPoint® or PDF files and images for more engaging presentations. Both applications are available for downloading free of charge—Panasonic Wireless Projector for iOS from the Apple Store, and Panasonic Wireless Projector for Android from Google Play.

USB Display Function for Easy Projection Using a USB Cable

By installing the Wireless Manager ME 6.0/5.5 application in a personal computer in advance and connecting**16 the USB ports on the projector and the computer with a USB cable, Wireless Manager ME 6.0/5.5 will automatically start up and output computer images and sound from the projector. Multi-Live mode and other functions can also be used in the same manner as when using a wireless connection.

USB Memory Viewer for Projection without a Personal Computer

JPG/BMP image files and text files stored on a USB memory device can be projected by simply inserting the USB memory device into the USB port of the PT-VW435N/VX505N/VX400NT. This makes it easy to give presentations without having to use a computer.

1.6x Zoom Lens Allows Flexible Installation

When projecting onto a 100-inch wide screen, the 1.6x zooms lens lets the PT-VW431D/VW435N/VW440, for example, support a wide range of projection distances, from 2.5 to 4.1 meters (8.2 to 13.5 feet).

Lens Shift Moves the Image Vertically Without Distortion

The PT-VW431D/VW435N/VW440/VX505N/VX510 feature the Lens Shift function in the vertical direction. It moves the image position vertically without distorting it.

For more information about wireless function, please visit http://panasonic.net/avc/projector/
A Wide Variety of Functions for Easy Setup

- **Auto Input Signal Search**
The Auto Input Signal Search function automatically detects the input signal and selects the input channel based on the signal. This function lets you start a presentation without any complicated setup required.

- **Input Guidance Function**
If the input signal cannot be detected, the Input Guidance function will display connection instructions on the projector screen, for easy setup.

- **Real-Time Keystone Correction**
With Real-Time Keystone Correction, the projector automatically senses if you adjust its angle (in the vertical direction) during operation and instantly makes whatever keystone correction is necessary for optimal viewing.

- **Color-board and Blackboard modes**
Color-board and Blackboard modes adjust the colors to make high-quality projection possible in rooms that don’t have a screen.

Easy Setting Function for Even Easier Setup

- **Focus Assist**
A focusing guide is displayed to help the focus adjustment.

- **Screen Fitting**
The projection screen size and horizontal/vertical Keystone correction (trapezoidal correction) are automatically adjusted to fit the screen.19

- **Wall Color Compensation**
When projecting onto a colored wall, blackboard, or other similar surface, the white balance is automatically adjusted.

Side-by-Side and P-in-P Function*20 (PT-VW330) for Effective Presentations and Lectures

- **Easy Lamp/Air Filter Replacement Simplifies Maintenance**
For easier maintenance, you can replace the lamp from the top even after the projector is installed on the ceiling. And the PT-VW331D/VW435N/VX505N/VX510 have one air filter on the side and one on the back, while the PT-VW330/VX400NT/VX400/VX41 have one on the side and one on the bottom. This eliminates the need to detach the projector from its ceiling bracket and greatly simplifies maintenance.

Direct Power Off

- **The Direct Power Off function keeps the cooling fan turned on even when you unplug the power cord right after use. This lets you put everything away and carry the projector quickly to your next presentation or lecture.**

Convenient Carrying Bag

- A carrying bag with a handy shoulder strap comes with the projector. This bag helps protect the projector from impacts.

Other Features

- Effective theft prevention with the startup logo*21
- Projector identification system for remote control allocation of up to six projectors
- The Wireless Mouse function (PT-VW435N/VX505N) enables you to operate a computer’s mouse pointer by the projector’s wireless remote control
- Built-in closed caption decoder
- AMX/D. D. compliant

---

*18 Keystone correction is performed in the PT-VX400NT when using the Easy Setting function.
*19 If the screen border cannot be detected, the projection screen size adjustment is not made. In this case, only the horizontal/vertical Keystone correction is done.
*20 This function is not effective for some source combinations.
*21 The included Logo Transfer Software is required to upload a new logo.
### Specifications

#### Power Supply
- 365 W (0.3 W when standby mode set to Eco*4), 12.5 W when standby mode set to Network (19.7 W with DIGITAL LINK, 27.5 W when standby mode of sound output to DIN). 365 W (0.3 W when standby mode set to Eco*4), 12.9 W when standby mode set to Network.

#### Weight
- Approximately 4.8 kg (10.6 lbs), total of 2,259,276 pixels

#### LCD Panel
- 15 mm (0.59 in) diagonal [16:10 aspect ratio], transparent LCD panel (x 3, R/G/B)
- 16 mm (0.63 in) diagonal [4:3 aspect ratio]

#### Display/Screen
- 1,024,000 pixels (1,280 x 800) x 3, total of 3,072,000 pixels
- 0.76–7.62 m (30–300 in), 576,432 (1,280 x 768) x 3, total of 1,728,288 pixels

#### Weight
- 365 W (0.3 W when standby mode set to Eco*4), 11.5 W when standby mode set to Network.

#### Resolution
- 1,280 x 800 pixels*4, 1,024 x 768 pixels*5

#### Terminals
- USB A — USB type-A (for the USB COMPUTER IN 1 D-sub HD 15-pin (female) x 1, (input/output selectable using on-screen menu)
- AV IN — S-VIDEO IN Mini DIN 4-pin x 1 (S-VIDEO)
- HDMI IN — HDMI 19-pin x 1 (Deep Color, compatible with HDCP)
- RS-232C — RJ-45 x 1 (for network connection, 10Base-T/100Base-TX, compliant with P-Link™ (class 1), Deep Color, compatible with HDCP)
- Built-in speaker — 4 cm round shape x 1, output power: 10.0 W (monaural)

#### Brightness
- 37 dB (lamp power: Normal), 29 dB (lamp power: Eco)

#### Cabinet materials
- Molded plastic

#### Operating environment
- Operating humidity: 20–80% (no condensation)

#### Supplier information
- Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 6.0)
- Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 4.0)
- Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 4.0)
- Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 4.0)
- Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 4.0)

#### Ad-hoc mode*5
- 12.8 mbps 802.11b mode

---

*1 When the Standby mode is set to Eco, network functions such as standby on via LAN are not available.
*2 Also, only certain commands can be received for external control using the serial terminal.
*3 The values given for the recommended lamp replacement cycles are maximum.
*4 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
*5 Input signals that exceed this resolution will be converted to 1,280 x 800 pixels.
*6 Power consumption is approximately 9.8 W (16.6 lbs)
### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PT-VW330</th>
<th>PT-VX400NT</th>
<th>PT-VX400</th>
<th>PT-VX41</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>100-240 V AC, 50/60 Hz</td>
<td></td>
<td>100-240 V AC, 50/60 Hz</td>
<td>100-240 V AC, 50/60 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>322 W (0.68 W when standby mode set to Eco†, 12.5 W when standby mode set to Network)</td>
<td>322 W (0.68 W when standby mode set to Eco†, 14.5 W when standby mode set to Network)</td>
<td>322 W (0.68 W when standby mode set to Eco†, 10.0 W when standby mode set to Network)</td>
<td>322 W (0.68 W when standby mode set to Eco†, 10.0 W when standby mode set to Network)</td>
</tr>
<tr>
<td>Panel size</td>
<td>15 mm (0.59 in)</td>
<td></td>
<td>15 mm (0.59 in)</td>
<td>15 mm (0.59 in)</td>
</tr>
<tr>
<td>Display method</td>
<td>Transparent LCD panel</td>
<td></td>
<td>Transparent LCD panel</td>
<td>Transparent LCD panel</td>
</tr>
<tr>
<td>Pixels</td>
<td>1,024,000 (1,280 x 800) x 3, total of 3,072,000 pixels</td>
<td>786,432 (1,024 x 768) x 3, total of 2,359,296 pixels</td>
<td>786,432 (1,024 x 768) x 3, total of 2,359,296 pixels</td>
<td>786,432 (1,024 x 768) x 3, total of 2,359,296 pixels</td>
</tr>
<tr>
<td>Lamps</td>
<td>1.6x manual zoom (throw ratio: 1:2.1–1.9), manual focus, F 1.65–2.33, (15.47–24.53 mm)</td>
<td>1.2x manual zoom (throw ratio: 1:7–2.11), manual focus, F 1.60–1.76, (22.33–32.80 mm)</td>
<td>1.2x manual zoom (throw ratio: 1:7–2.11), manual focus, F 1.60–1.76, (22.33–32.80 mm)</td>
<td>1.2x manual zoom (throw ratio: 1:7–2.11), manual focus, F 1.60–1.76, (22.33–32.80 mm)</td>
</tr>
<tr>
<td>Lamp size</td>
<td>495 W x 1, lamp replacement cycle (lamp power: Normal/Eco1, Eco2): 3,000 hours/5,000 hours†2</td>
<td>495 W x 1, lamp replacement cycle (lamp power: Normal/Eco1, Eco2): 3,000 hours/5,000 hours†2</td>
<td>495 W x 1, lamp replacement cycle (lamp power: Normal/Eco1, Eco2): 3,000 hours/5,000 hours†2</td>
<td>495 W x 1, lamp replacement cycle (lamp power: Normal/Eco1, Eco2): 3,000 hours/5,000 hours†2</td>
</tr>
<tr>
<td>Screen size</td>
<td>0.76–7.62 m (30–300 in), 4:3 aspect ratio</td>
<td>0.76–7.62 m (30–300 in), 4:3 aspect ratio</td>
<td>0.76–7.62 m (30–300 in), 4:3 aspect ratio</td>
<td>0.76–7.62 m (30–300 in), 4:3 aspect ratio</td>
</tr>
<tr>
<td>Brightness</td>
<td>3,000 lm (lamp power: Auto/Normal)</td>
<td>4,000 lm (lamp power: Auto/Normal)</td>
<td>2,000 lm (lamp power: Auto/Normal)</td>
<td>2,000 lm (lamp power: Auto/Normal)</td>
</tr>
<tr>
<td>Contrast</td>
<td>2,000:1</td>
<td>2,000:1</td>
<td>2,000:1</td>
<td>2,000:1</td>
</tr>
<tr>
<td>Resolution</td>
<td>1,080 x 720 pixels</td>
<td>1,080 x 720 pixels</td>
<td>1,080 x 720 pixels</td>
<td>1,080 x 720 pixels</td>
</tr>
<tr>
<td>Scanning frequency</td>
<td>480p, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, VGA (640 x 480), WUXGA (1,920 x 1,200),*6</td>
<td>480p, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, VGA (640 x 480), WUXGA (1,920 x 1,200),*6</td>
<td>480p, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, VGA (640 x 480), WUXGA (1,920 x 1,200),*6</td>
<td>480p, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, VGA (640 x 480), WUXGA (1,920 x 1,200),*6</td>
</tr>
<tr>
<td>Terminals</td>
<td>HDMI IN</td>
<td>HDMI 19-pin x 1 (compatible with HDCP)</td>
<td>HDMI 19-pin x 1 (compatible with HDCP)</td>
<td>HDMI 19-pin x 1 (compatible with HDCP)</td>
</tr>
<tr>
<td></td>
<td>COMPUTER IN 1</td>
<td>D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr x 1)</td>
<td>D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr x 1)</td>
<td>D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr x 1)</td>
</tr>
<tr>
<td></td>
<td>COMPUTER IN 2</td>
<td>D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr x 1)</td>
<td>D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr x 1)</td>
<td>D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr x 1)</td>
</tr>
<tr>
<td></td>
<td>MONITOR OUT</td>
<td>D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr x 1)</td>
<td>D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr x 1)</td>
<td>D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr x 1)</td>
</tr>
<tr>
<td></td>
<td>VIDEO IN</td>
<td>Pin jack x 1 (Composite VIDEO)</td>
<td>Pin jack x 1 (Composite VIDEO)</td>
<td>Pin jack x 1 (Composite VIDEO)</td>
</tr>
<tr>
<td></td>
<td>S VIDEO IN</td>
<td>Min DIN 4-pin x 1 (S-VIDEO)</td>
<td>Pin jack x 1 (S-VIDEO)</td>
<td>Min DIN 4-pin x 1 (S-VIDEO)</td>
</tr>
<tr>
<td></td>
<td>AUDIO IN</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>AUDIO OUT</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Audio</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>350 x 350 x 827 mm (13.8 x 13.8 x 32.6 in)</td>
<td>350 x 827 x 256 mm (13.8 x 32.6 x 10.0 in)</td>
<td>350 x 827 x 256 mm (13.8 x 32.6 x 10.0 in)</td>
<td>350 x 827 x 256 mm (13.8 x 32.6 x 10.0 in)</td>
</tr>
<tr>
<td>Weight</td>
<td>Approximately 3.5 kg (7.7 lbs)</td>
<td>365 x 977 x 27 mm (13.8 x 3.8 x 10.9 in)</td>
<td>350 x 977 x 256 mm (13.8 x 3.8 x 10.0 in)</td>
<td>350 x 977 x 256 mm (13.8 x 3.8 x 10.0 in)</td>
</tr>
<tr>
<td>Operating environment</td>
<td>Power cord x 1*, power cord holder x 1, wireless remote control unit, batteries (AAA/R03/LR03 type x 2), carrying bag x 1, computer cable (1.8 m, for VGA) x 1, filter cover</td>
<td>Power cord x 1*, power cord holder x 1, wireless remote control unit, batteries (AAA/R03/LR03 type x 2), carrying bag x 1, computer cable (1.8 m, for VGA) x 1, filter cover</td>
<td>Power cord x 1*, power cord holder x 1, wireless remote control unit, batteries (AAA/R03/LR03 type x 2), carrying bag x 1, computer cable (1.8 m, for VGA) x 1, filter cover</td>
<td>Power cord x 1*, power cord holder x 1, wireless remote control unit, batteries (AAA/R03/LR03 type x 2), carrying bag x 1, computer cable (1.8 m, for VGA) x 1, filter cover</td>
</tr>
<tr>
<td>Compliance</td>
<td>1080p, 720p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, WUXGA (1,920 x 1,200),*6</td>
<td>1080p, 720p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, WUXGA (1,920 x 1,200),*6</td>
<td>1080p, 720p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, WUXGA (1,920 x 1,200),*6</td>
<td>1080p, 720p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, WUXGA (1,920 x 1,200),*6</td>
</tr>
</tbody>
</table>
| * Not supported by IEEE802.11n.
Optional accessories

<table>
<thead>
<tr>
<th>Digital Interface Box</th>
<th>Easy Wireless Stick*1</th>
<th>Ceiling mount bracket for high ceilings*2</th>
<th>Ceiling mount bracket for low ceilings*2</th>
<th>Bracket assembly</th>
<th>Replacement filter unit</th>
<th>Replacement lamp unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-VW431D/ VW435N/ VW440/ VX505N/ VX510</td>
<td>ET-YFB100G</td>
<td>ET-PKV100H</td>
<td>ET-PKV100S</td>
<td>ET-PKV200B</td>
<td>ET-RFV200</td>
<td>ET-LAV200</td>
</tr>
<tr>
<td>PT-VW330/ VX400NT/ VX400/ VX41</td>
<td>ET-UW100</td>
<td>ET-PKV100B</td>
<td>ET-RFV100</td>
<td>ET-LAV100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*1 The ET-UW100 is available in the following countries and regions as of September 2012: North America, England, Germany, France, Spain, Italy, Belgium, Austria, Sweden, Norway, Denmark, Switzerland, Holland, Finland, Portugal, Greece, and Japan.

*2 This product is used together with an optional bracket assembly (sold separately).

---

**Digital Interface Box ET-YFB100G (optional)**

The compact body enables easy and space-saving installation.

### Specifications

**Power supply**
DC 16.0 V (DC input terminal)

**Power consumption**
(Use with supplied AC adaptor)
16 W [0.2 W with the power off]
(Using power consumption of the AC adaptor)

**AC adapter**
Output
DC 16 V, 3.75 A

**HDMI**
- fH: 27-99 kHz, fV: 24-119.8 Hz, dot clock: 25.2-162 MHz

**Scanning frequency**

**Video/S-Video**
- fH: 15.75 kHz, fV: 60 Hz [480i (525i)], 30 Hz [1080i (1125i, 60p)]
- fH: 15.63 kHz, fV: 50 Hz [576i (625i)], 25 Hz [1080i (1125i, 50p)]

**Terminals**

**HDMI IN**
HDMI 19-pin x 2 (Deep Color, compatible with HDCP), 480p, 576p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/24p, 1080/25p, 1080i (60i), 1080i (50i), 1080i (50p), 1080i (60p), YG (440i), WUXGA** [1,920 x 1,200], audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)

**Audio IN**
M3 (L-R) x 1

**Audio OUT**
M3 (L-R) x 1 (variable)

**SERIAL IN**
D-sub 9-pin (female) x 1 for external control (RS-232C compliant)

**REMOTE IN**
D-sub 9-pin (female) x 1 for external control (parallel)

**LAN**
RJ-45 x 1, for network connection, 10Base-T/100Base-TX

**Dimensions (W x H x D)**
210 x 44 x 10 mm (8-9/32 x 1-23/32 x 2/5 in) (not including protective cap)

**Weight**
Approximately 1.15 kg (2.54 lbs)*2 (not including AC adaptor)

**Operating environment**
Operating temperature: 0-40 °C (32-104 °F)

**Supplied accessories**
AC adapter x 1, power cords (10 m) x 3, AC power cord holder x 1, AC power cord holder screws x 4, mounting brackets for rack or countertop installation x 2, mounting bracket for rack installation x 1, countersunk screws x 6, legs x 4, screws for installing legs x 4

*1 Supported only when the signals are compliant with VESA CVT-RB.

*2 Average value. May differ depending on models.

---

**Easy Wireless Stick ET-UW100 (optional)**

### Specifications

**Dimensions**
36 x 93 x 10 mm (1-3/7 x 3-23/32 x 2/5 in) (not including protective cap)

**Weight**
Approximately 20 g (0.04 lbs)*2 (not including protective cap)

**Operating environment**
Operating temperature: 0-35 °C (32-95 °F)
Operating humidity: 20-80 % (no condensation)

---

For more information, please visit [http://panasonic.net/avc/projector/](http://panasonic.net/avc/projector/)
PT-VW330

[4:3 aspect ratio, throw ratio: 1:1.9-1:1]

PT-VWX400NT/VX400

[4:3 aspect ratio, throw ratio: 1:1.9-1:1]

PT-VX41

[4:3 aspect ratio, throw ratio: 1:1.7-2:1]

Dimensions

PT-VW330D/VW435N/VW440/VWX400

PT-VX41

PT-VW330G6 Printed in Japan.

Projection distance

unit: meters [feet]

Diagonal image size

Projection distance (L) Height from the edge of screen to center of lens

Diagonal image size

Projection distance (L) Height from the edge of screen to center of lens

Diagonal image size

Projection distance (L) Height from the edge of screen to center of lens

Diagonal image size

Projection distance (L) Height from the edge of screen to center of lens

Diagonal image size

Projection distance (L) Height from the edge of screen to center of lens

Caution

Do not install the projector in locations that are subject to excessive water, humidity, steam or oily smoke. Doing so may result in fire, malfunction or electric shock.

NOTE ON USE

1. The projector uses a high-voltage mercury lamp under high internal pressure. This lamp may break, emitting a popping sound, or fail to illuminate, due to impact or extended use.
2. The high-voltage lamp becomes very hot during operation. Please observe the following precautions:
   - Never place objects on top of the projector while it is in operation.
   - Make sure there is an unobstructed space of 1,000 mm (3-3/8 ft) or more around the projector’s exhaust openings.
   - If stacking projector units, care must be taken to provide the recommended space between units. These space requirements also apply to installation where only one projector unit is operating at one time and the other unit is used as a backup.

3. The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
4. Due to natural characteristics of lamps, screen brightness may fluctuate. This is not an indication of faulty lamp performance.

5. If the projector is placed in a box or enclosure, the temperature of the air surrounding the projector must match the operating temperature listed in the specifications table during use. Also, make sure the projector’s intake and exhaust openings are not blocked. Ensure there is sufficient ventilation to prevent hot air from the exhaust openings being recirculated into the intake opening.

6. If the projector is placed in a box or enclosure, the temperature of the air surrounding the projector must match the operating temperature listed in the specifications table during use. Also, make sure the projector’s intake and exhaust openings are not blocked. Ensure there is sufficient ventilation to prevent hot air from the exhaust openings being recirculated into the intake opening.

7. The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
8. The lamp replacement cycle varies greatly depending on individual lamp characteristics and usage conditions.
9. The brightness of the lamp will gradually decrease with use. Due to natural characteristics of lamps, screen brightness may fluctuate. This is not an indication of faulty lamp performance.

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. This product may be subject to export control regulations. The projection distances and throw ratios given in this brochure are for use only as guidelines. For more detailed information, please consult the dealer from whom you are purchasing the product. Microsoft, Windows, Windows Vista and PowerPoint are trademarks of Microsoft Corporation in the United States and other countries. Android and Google Play are registered trademarks or trademarks of Google Inc. Macintosh, Mac, Mac OS, iPad, iPhone, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. The P/Link trademark is an application trademark in Japan, the United States, and other countries and regions or registered trademarks. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. Crestron Connected is a trademark of Crestron Electronics, Inc. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2013 Panasonic Corporation. All rights reserved.