

Panasonic

BUSINESS

PT-VW350 Series

LCD Projectors

PT-VW355N
PT-VW350
PT-VX425N
PT-VX420

The Lighter, Brighter Portable Projector



*Introducing the World's Lightest and Brightest Portable LCD Projector**

* 4,000 lm-class LCD projector (as of May 2015).



PT-VW355N/VX425N

Wireless Technology Means Less Plug and More Play

Sharing media wirelessly from personal devices to the big screen is as easy as one, two, three with dedicated, easy-to-use apps for iOS, Android™, and PC. Wi-Fi-CERTIFIED Miracast* also enables a raft of features for mirroring content from compatible next-generation mobiles and computers.

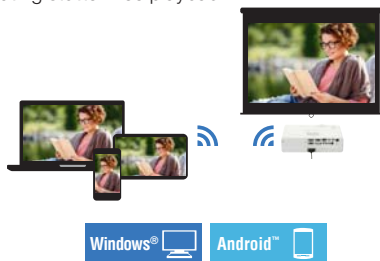
* VW355N/VX425N only

Wireless Display Simplified with Wi-Fi-CERTIFIED Miracast



Share On the Big Screen

Still images, video, and audio are smoothly transmitted peer-to-peer from Windows® PCs and Android™ devices. Video content is supported at up to 1080p resolution, with high-bandwidth performance facilitating stutter-free playback.



Selectable Display Modes

Display modes comprising Duplicate, Extend, and Second Screen allow your source-device screen and the projector to interact in different ways depending on your needs in the meeting space or classroom.

Duplicate Mode

Mirror your device's screen on the projector screen



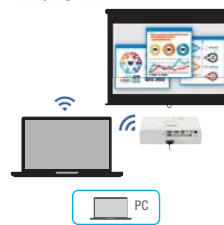
Extend Mode

Use a projection surface as an extended PC screen



Second Screen Only

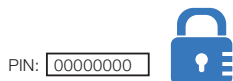
PC screen is shown only on the projector screen



Improved Quality. Enhanced Security.

Prevents Improper Connection

A PIN code appears when a user attempts to connect to the projector. Only those with access can transmit wirelessly, preventing improper or accidental use.



Smooth Video Playback

Wireless Display is optimized to ensure smooth and uninterrupted playback of online streaming video sources, further adding convenience and versatility.



Selectable Channels

Selectable 2.4 GHz and 5 GHz* channels for areas with Wi-Fi congestion are included.



* America/Europe/CIS only

1 Easy to Carry

*The Lightest Portable LCD Projector in its Class**

| | | |
|-----------|----------|-------------|
| PT-VW350 | 4,000 lm | App. 3.3 kg |
| PT-VX420 | 4,500 lm | |
| PT-VW355N | 4,000 lm | App. 3.4 kg |
| PT-VX425N | 4,500 lm | |

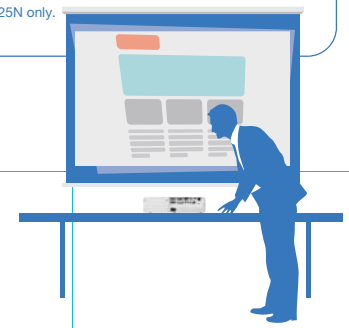
* 4,000 lm-class LCD projector (as of May 2015)



2 Easy Setup

Easy Setting Function with Focus Assist, Wall Color Compensation, and Screen Fitting*

* PT-VW355N/VX425N only.



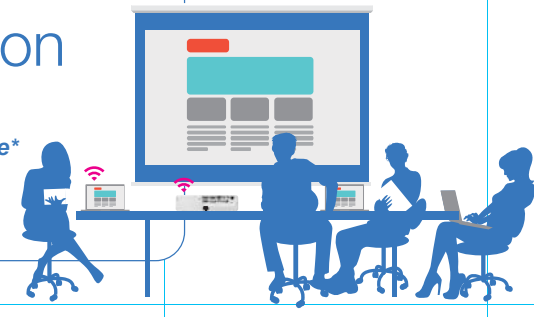
ALL EASY!



3 Easy Operation

*Connect and Project from Single or Multiple PCs/Tablets without a Cable**

* PT-VW355N/VX425N only.



A Choice of Convenient Wireless Technologies

Wi-Fi-CERTIFIED Miracast

This next-generation wireless technology enables high-speed transmission for supported devices with a quick and stable connection.



Windows® / Android™

Panasonic Wireless Apps

For users of iPhone, iPad, and Mac laptops, as well as Windows® PC and Android™ with a wealth of added features.



Android™ / iOS




Windows® / Mac OS



Windows® / Mac OS

* Availability of the ET-UW100 Easy Wireless Stick varies depending on country. Please contact your sales representative for more information.

Universal Device Support with Panasonic Apps

| | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>For PC Wireless Manager ME 6.3</p> <ul style="list-style-type: none"> Fast, stable wireless transmission Supports Windows® 10 and Mac OS X 10.10 Connect up to 16 PCs*1 in Multi-Live Mode  <p>Download free from our global website at http://panasonic.net/avc/projector/</p> | <p>Easy 3-Step Connection</p> <ol style="list-style-type: none"> 1. Launch App 2. Select Projector 3. Click to Present  <p>Easy projection</p> | | | |
| <p>For Mobile Wireless Projector for iOS (v3.3.2)/Android™ (v2.4.0)</p> <ul style="list-style-type: none"> Dedicated Wireless Apps for iOS and Android™ Fewer steps to connect Wide media compatibility and functionality  | <p>Supported formats PowerPoint® / Word / Excel / Keynote* / Pages* / Numbers* / Text* / Rich Text* / PDF / JPG** / PNG** / WEB** / Photo* / Camera / Screen Shot</p> <p><small>* iOS only. ** Android only.</small></p> |  <p>Marker Function</p> |  <p>Pointer Function</p> |  <p>In-browser Remote Control</p> |
| <p>Wireless Stick ET-UW100*2</p> <ul style="list-style-type: none"> Self-contained Easy Wireless Stick plugs into PC's USB Provides internet access while projecting wirelessly Supports Windows® 8.1 and Mac OS X 10.9  | <p>Project Instantly</p> <ol style="list-style-type: none"> 1. Insert into USB 2. Select Projector  <p>ET-UW100 (Option)</p> | | <p>3. Project Live</p>  <p>Easy projection</p> | |
| <p>Multi-Live Mode</p> <p>Apps for PC, iOS, Android™, and Easy Wireless Stick feature Multi-Live Mode. It enables display of media from up to 16 different devices*1 in split-screen. You can also transmit to up to eight projectors/displays from one PC.</p> |  <p>4-Window Multi-Style</p> |  <p>4-Window Index Style</p> |  <p>16-Window Index Style*1</p> |  <p>Transmit media to up to eight projectors and displays from a single PC</p> |

Stellar Performance from a Compact Body

Extremely Bright Images

Despite its light 3.3 kg weight and compact dimensions, the PT-VW350 outputs 4,000 lm of brightness for spectacularly clear and brilliant images.

High 12,000 : 1 Contrast

A new iris mechanism optimizes light output according to content. Blacks are deep and rich while colors and highlights are reproduced with realism.

7,000 Hours Maintenance-free*3

When used for eight hours per day, lamp and filter replacement is not required for up to four years (or 7,000 hours*3 of operation), slashing cost of ownership.

Daylight View Basic

Daylight View Basic uses a sensor to measure ambient light, optimizing brightness, color, and contrast for vividly punchy images in bright rooms.



Quiet Operation

The quiet design keeps noise levels down to a low 29 dB on Eco Mode with the cooling fan hardly audible, minimizing distractions during presentations.

29dB

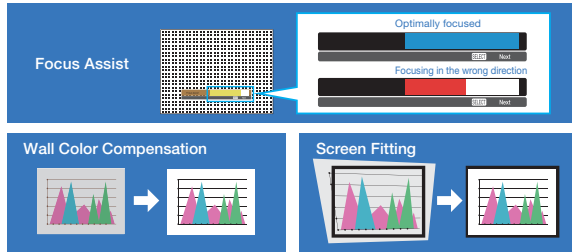
*1 Supports wireless connection of up to 10 PCs simultaneously in [SIMPLE], [M-DIRECT], and [S-DIRECT] modes. *2 Using ET-UW100 requires a firmware update. The ET-UW100 can be purchased in the U.S., Canada, Japan, Australia, and New Zealand. For more information, please visit our global website at <http://panasonic.net/avc/projector/> *3 This is the maximum value when the lamp power is set to Eco, with the lamp turned on for 3 hours and off for 0.5 hour. Increases in the lamp-on cycle or extended use with the lamp continuously turned on will reduce lamp replacement cycle. With lamp power is set to Normal, replacement cycle is 5,000 hours. Usage environment affects lamp and filter replacement cycle.

Easy Setup and Stress-free Operation

Easy Setting Function*

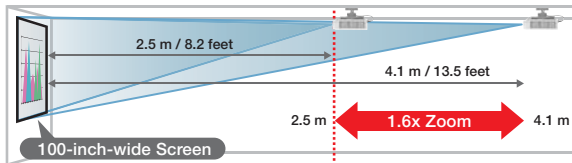
Simply place the projector on a table and press Auto Setup. Data from sensors is used to fit and focus the image on the wall or screen, correcting for surface coloration.

* PT-VW355N/VX425N only



Flexible 1.6x Zoom Lens

When projecting onto a 100-inch-wide screen, the included 1.6x zoom lens supports a range of projection distances from 2.5 to 4.1 m (8.2 to 13.5 ft).



Corner Keystone Correction

Designate four corners on the projection surface and horizontal and vertical corner keystone correction creates a perfectly symmetrical image.



10 W Speaker and Mic Input

An internal 10 W speaker plays sound in presentations or videos as well as audio from a connected microphone—there's no need for separate amp and speakers.

Side-by-Side and P-in-P Modes*

Two media sources can be displayed side-by-side, while Picture-in-Picture Mode displays media in a sub-window positioned in any corner of the screen.

* PT-VW355N/VW350 only

Memory Viewer Function*

You don't need a computer to start presenting—just insert a USB memory device containing media and start projecting straight away.

* PT-VW355N/VX425N only



Other Handy Features

- Direct Power Off Function
- Low 0.5 W Power Consumption on Standby*¹
- Auto Input Signal Search
- Input Guidance Function
- Real-Time Keystone Correction*²
- Color-Board and Blackboard Modes

- Easy Remote Monitoring and Control Over LAN
- Crestron Connected™, AMX DD, and PjLink™ Compatible
- USB Display Function for PC Connection*³
- Ecology-Conscious Design



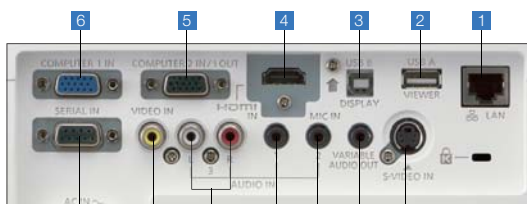
*¹ With Standby Mode set to ECO. *² PT-VW350/VX420 only *³ PT-VW355N/VX425N only

Ample Connections

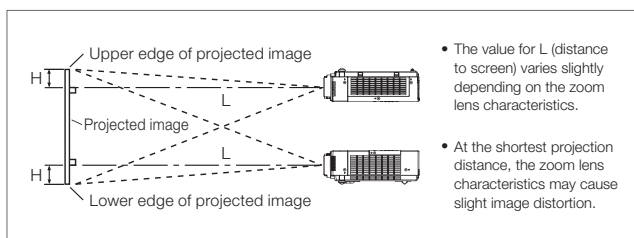
Generous input and output terminals support a wide range of media interfaces for portable or ceiling-mount use.

- 1 LAN
- 2 USB (Type A) *
- 3 USB (Type B) *
- 4 HDMI Input
- 5 COMPUTER Input 2/ MONITOR Output
- 6 COMPUTER Input 1
- 7 S-VIDEO Input
- 8 AUDIO Output
- 9 AUDIO Input 2 (MIC IN)
- 10 AUDIO Input 1
- 11 AUDIO Input 3
- 12 VIDEO Input
- 13 SERIAL Input

* PT-VW355N/VX425N only



Featured image: PT-VW355N/VX425N.



Projection distance unit: meters [feet]

PT-VW355N / VW350
(16:10 aspect ratio; throw ratio 1.2–1.9:1, UD ratio 49:1)

| Projection image size Diagonal (inch) | Projection distance (L) | | Height from the edge of screen to center of lens (H) |
|------------------------------------------|-------------------------|-------------|------------------------------------------------------|
| | min. (wide) | max. (tele) | |
| 30" | 0.7 [2.3] | 1.2 [3.9] | 0.01 [0.03] |
| 40" | 1.0 [3.3] | 1.6 [5.2] | 0.01 [0.03] |
| 50" | 1.3 [3.9] | 2.0 [6.6] | 0.01 [0.03] |
| 60" | 1.5 [4.9] | 2.4 [7.9] | 0.02 [0.07] |
| 70" | 1.8 [5.9] | 2.9 [9.5] | 0.02 [0.07] |
| 80" | 2.0 [6.6] | 3.3 [10.8] | 0.02 [0.07] |
| 90" | 2.3 [7.5] | 3.7 [12.1] | 0.02 [0.07] |
| 100" | 2.5 [8.2] | 4.1 [13.4] | 0.03 [0.10] |
| 120" | 3.0 [9.8] | 4.9 [16.1] | 0.03 [0.10] |
| 150" | 3.8 [12.5] | 6.2 [20.3] | 0.04 [0.13] |
| 200" | 5.1 [16.7] | 8.2 [26.9] | 0.05 [0.16] |
| 250" | 6.3 [20.7] | 10.3 [33.8] | 0.07 [0.23] |
| 300" | 7.6 [24.9] | 12.4 [40.7] | 0.08 [0.26] |

PT-VX425N / VX420
(4:3 aspect ratio; throw ratio 1.2–1.9:1, UD ratio 9:1)

| Projection image size Diagonal (inch) | Projection distance (L) | | Height from the edge of screen to center of lens (H) |
|------------------------------------------|-------------------------|-------------|------------------------------------------------------|
| | min. (wide) | max. (tele) | |
| 30" | 0.7 [2.3] | 1.1 [3.7] | 0.05 [0.15] |
| 40" | 0.9 [3.1] | 1.5 [5.0] | 0.06 [0.2] |
| 50" | 1.2 [3.8] | 1.9 [6.3] | 0.08 [0.25] |
| 60" | 1.4 [4.6] | 2.3 [7.6] | 0.09 [0.3] |
| 70" | 1.7 [5.4] | 2.7 [8.8] | 0.11 [0.35] |
| 80" | 1.9 [6.2] | 3.1 [10.1] | 0.12 [0.4] |
| 90" | 2.1 [7.0] | 3.5 [11.4] | 0.14 [0.45] |
| 100" | 2.4 [7.8] | 3.9 [12.7] | 0.15 [0.5] |
| 120" | 2.9 [9.4] | 4.6 [15.2] | 0.18 [0.6] |
| 150" | 3.6 [11.7] | 5.8 [19.1] | 0.23 [0.75] |
| 200" | 4.8 [15.7] | 7.8 [25.4] | 0.31 [1.0] |
| 250" | 6.0 [19.6] | 9.7 [31.8] | 0.38 [1.25] |
| 300" | 7.2 [23.5] | 11.6 [38.2] | 0.46 [1.5] |

Specifications

| Model | PT-VW355N | PT-VW350 | PT-VX425N | PT-VX420 | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Power supply | AC 100–240 V, 50 Hz/60 Hz | | | | |
| Power consumption | 100–240 V: 320 W (0.5 W when Standby mode set to ECO*1, 6 W when Standby mode set to Network, 14 W when Standby mode set to Normal) | 100–240 V: 320 W (0.5 W when Standby mode set to ECO*1, 1.6 W when Standby mode set to Network, 9.5 W when Standby mode set to Normal) | 100–240 V: 320 W (0.5 W when Standby mode set to ECO*1, 6 W when Standby mode set to Network, 14 W when Standby mode set to Normal) | 100–240 V: 320 W (0.5 W when Standby mode set to ECO*1, 1.6 W when Standby mode set to Network, 9.5 W when Standby mode set to Normal) | |
| LCD panel | Panel size | 15.0 mm (0.59 in) (16:10 aspect ratio) | | 16.0 mm (0.63 in) (4:3 aspect ratio) | |
| | Display method | Transparent LCD panel (× 3, R/G/B) | | | |
| | Pixels | 1,024,000 (1280 × 800) pixels | | 786,432 (1024 × 768) pixels | |
| Lens | Manual zoom (1.6x) (throw ratio: 1.18–1.90:1), manual focus, F 1.60–1.90, f 15.31–26.24 mm | | | | |
| Screen size (diagonal) | 0.76–7.62 m (30–300 in), 16:10 aspect ratio | | 0.76–7.62 m (30–300 in), 4:3 aspect ratio | | |
| Resolution | 1280 × 800 pixels (input signals that exceed this resolution will be converted to 1280 × 800 pixels.) | | 1024 × 768 pixels (input signals that exceed this resolution will be converted to 1024 × 768 pixels.) | | |
| Brightness*2 | 4,000 lm (input signals: PC, lamp power: Normal, picture mode: Dynamic, Iris: Off, Daylight View: Off, Auto Power Save: Off) | | | | |
| Lamp | 240 W × 1 lamp | | | | |
| Lamp replacement cycle | Normal: 5000 hours / Eco: 7000 hours | | | | |
| Center-to-corner uniformity*2 | 85 % | | | | |
| Contrast*2 | 12,000:1 (Full On/Off) (input signals: PC, lamp power: Normal, picture mode: Dynamic, Iris: On, Daylight View: Off, Auto Power Save: Off) | | | | |
| Scanning frequency | HDMI IN | fh: 15–91.1 kHz, fv: 50–100 Hz, dot clock: 162 MHz or lower | | | |
| | RGB (analog) | fh: 15–100 kHz, fv: 24–100 Hz, dot clock: 162 MHz or lower (Signals exceeding the dot clock rate of 140 MHz are downsampled.) | | | |
| | YPbPr (Y/CbCr) | fh: 15.73 kHz, fv: 59.94 Hz [525i (480i)], fh: 15.63 kHz, fv: 50 Hz [625i (576i)], fh: 31.50 kHz, fv: 60 Hz [525p (480p)], fh: 31.25 kHz, fv: 50 Hz [625p (576p)], fh: 45.00 kHz, fv: 60 Hz [750p (720/60p)], fh: 37.50 kHz, fv: 50 Hz [750p (720/50p)], fh: 33.75 kHz, fv: 60 Hz [1125 (1080/60i)], fh: 28.13 kHz, fv: 50 Hz [1125 (1080/50i)], fh: 28.13 kHz, fv: 25 Hz [1125 (1080/25p)], fh: 27.00 kHz, fv: 24 Hz [1125 (1080/24p)], fh: 27.00 kHz, fv: 48 Hz [1125 (1080/24sF)], fh: 33.75 kHz, fv: 30 Hz [1125 (1080/30p)], fh: 67.50 kHz, fv: 60 Hz [1125 (1080/60p)], fh: 56.25 kHz, fv: 50 Hz [1125 (1080/50p)] | | | |
| | Video/S-Video | fh: 15.75 kHz, fv: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60], fh: 15.63 kHz, fv: 50 Hz [PAL/SECAM/PAL-N] | | | |
| Optical axis shift | 49:1 (fixed) | | 9:1 (fixed) | | |
| Keystone correction range | Vertical: ±40 ° (±30 ° when using Easy Setting) (maximum value of WXGA input), horizontal: ±30 ° (±20 ° when using Easy Setting) (maximum value of WXGA input) | | Vertical: ±40 ° (±30 ° when using AUTO) (maximum value of WXGA input), horizontal: ±30 ° (maximum value of WXGA input) | | |
| | Vertical: ±40 ° (±30 ° when using Easy Setting) (maximum value of XGA input), horizontal: ±30 ° (±20 ° when using Easy Setting) (maximum value of XGA input) | | Vertical: ±40 ° (±30 ° when using AUTO) (maximum value of XGA input), horizontal: ±30 ° (maximum value of XGA input) | | |
| Installation | Ceiling/floor, front/rear | | | | |
| Terminals | HDMI IN | HDMI 19-pin x 1 (compatible with HDCP, Deep Color), audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz) | | | |
| | COMPUTER 1 IN | D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr) | | | |
| | COMPUTER 2 IN /MONITOR OUT | D-sub HD 15-pin (female) x 1 (RGB), (input/output selectable using on-screen menu) | | | |
| | VIDEO IN | Pin jack x 1 (Composite VIDEO) | | | |
| | S-VIDEO IN | Mini DIN 4-pin x 1 (S-VIDEO) | | | |
| | AUDIO IN 1 | M3 x 1 (L-R x 1) | | | |
| | AUDIO IN 2 (MIC IN) | M3 x 1 (L-R x 1) for audio input or for microphone connection (variable) | | | |
| | AUDIO IN 3 | Pin jack x 2 (L, R x 1) | | | |
| | AUDIO OUT | M3 x 1 (L-R x 1) for output (variable) | | | |
| | LAN | RJ-45 x 1 (for network connection, 10BASE-T/100BASE-TX, compliant with PoE Link™) | | | |
| | SERIAL IN | D-sub 9-pin (female) x 1 for external control (RS-232C compliant) | | | |
| | USB-Type A | For Memory Viewer | — | For Memory Viewer | — |
| | USB-Type B | For USB Display | — | For USB Display | — |
| Built-in speaker | 4.0 cm (1 9/16") round shape x 1, output power: 10.0 W (monaural) | | | | |
| Operation noise*2 | 37 dB (lamp power: Normal), 29 dB (lamp power: Eco) | | | | |
| Cabinet materials | Molded plastic | | | | |
| Dimensions (W × H × D) | 352 x 98 ^{±3} x 279.4 ^{±4} mm (13 27/32" x 3 27/32" x 11"±4) | | | | |
| Weight*5 | Approx. 3.4 kg (7.5 lbs) | Approx. 3.3 kg (7.3 lbs) | Approx. 3.4 kg (7.5 lbs) | Approx. 3.3 kg (7.3 lbs) | |
| Operating environment | Operating temperature: 0–40 °C [32–104 °F] (less than 1,400 m [4,593 ft] above sea level, HIGH ALTITUDE MODE: OFF); 0–30 °C [32–86 °F] (1,400 m [4,593 ft] to 2,000 m [6,562 ft], HIGH ALTITUDE MODE: 1); 0–30 °C [32–86 °F] (2,000 m [6,562 ft] to 2,400 m [7,874 ft], HIGH ALTITUDE MODE: 2) | | | | |
| | Operating humidity: 20–80 % (no condensation) | | | | |
| Wireless | Standard | 2.4 GHz: IEEE802.11b/g/n, 5 GHz: IEEE802.11a/n*6 | | — | |
| | Infrastructure mode | WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), 128 bit/64 bit WEP, WPA-EAP/WPA2-EAP (PEAP [MS-CHAPv2/GTC], EAP-FAST [MS-CHAPv2/GTC], EAP-TLS [MD5/MS-CHAPv2]) 128 bit/64 bit | — | 2.4 GHz: IEEE802.11b/g/n, 5 GHz: IEEE802.11a/n*6 WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), 128 bit/64 bit WEP, WPA-EAP/WPA2-EAP (PEAP [MS-CHAPv2/GTC], EAP-FAST [MS-CHAPv2/GTC], EAP-TLS [MD5/MS-CHAPv2]) 128 bit/64 bit | |
| Supplied accessories | Wireless remote control unit × 1, power cord × 1 (× 2 for UK and Asia only), batteries for remote control (R03/LR03/AAA type battery × 2), RGB signal cable × 1, lens cap × 1 | | Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 6.3) | Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 6.3) | |

*1 When the Standby mode is set to Eco, network functions such as power on over the LAN network will not operate. Also, only certain commands can be received for external control using the serial terminal. *2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *3 With legs retracted to minimum. *4 Including protruding parts. *5 Average value. May differ depending on the actual unit. *6 America/Europe/CIS only. For more information, please visit the Panasonic Global website: panasonic.net/avc/projector/

Optional accessories

ET-PKL100H

Ceiling Mount Bracket for High Ceilings



ET-PKL100S

Ceiling Mount Bracket for Low Ceilings



ET-PKV400B

Projector Mount Bracket



ET-LAV300

Replacement Lamp Unit



ET-RFV300

Replacement Filter Unit



ET-UW100*

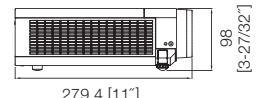
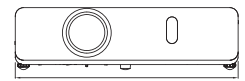
Easy Wireless Stick



ET-SWA100 Series

Early Warning Software

Dimensions unit: mm (inches)



* The ET-UW100 can be purchased in the U.S., Canada, Japan, Australia, and New Zealand.

Panasonic®



For more information about Panasonic projectors, please visit:
 Projector Global Website – panasonic.net/avc/projector
 Facebook – www.facebook.com/panasonicprojector
 YouTube – www.youtube.com/user/PanasonicProjector

All information included here is valid as of September 2016.

PT-VW350G2 Printed in Japan.

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