

54.8 cm (21.6") Full HD Wide LCD Monitor

**WV-LW2200**

47.0 cm (18.5") HD Wide LCD Monitor

**WV-LW1900**

NTSC WV-LW2200 (120 V AC) PAL WV-LW2200 (220 ~ 240 V AC)  
WV-LW1900 (120 V AC) WV-LW1900 (220 ~ 240 V AC)



## High Resolution Wide LCD Monitor with Exceptional Image Quality

WV-LW2200/LW1900 is equipped with proprietary Panasonic image-processing technology that delivers images with HD quality. WV-LW2200/LW1900 is also equipped with various types of signal terminal which suits for various applications. The energy saving becomes more efficient by automatic power-save function.

### Key Features

- Screen size: 54.8 cm (21.6") / 47.0 cm (18.5") diagonal
- Screen resolution: 1,920 x 1,080 (Full HD) / 1,366 x 768 (HD)
- Horizontal resolution: 500 TV lines for composite video
- High contrast: 1000 : 1 (typical)
- Full color display: Approx. 16.7 million colors
- High picture quality and high resolution using motion adaptive Interlace/Progressive converter technology
- HDMI 1080p compatible
- BNC composite input with loop through output, HDMI input and RGB for PC input
- Max. 0.5 W speaker output
- Selectable color temperature
- Selectable gamma curve
- Selectable screen aspects and scanning ranges: 16:9 full, 16:9 zoom, 4:3 full, 4:3 zoom and dot-by-dot
- Picture setup and adjustment using OSD setup menus and front panel buttons
- Multi-language setup menus: English, French, German, Spanish, Italian, Chinese, Russian and Japanese
- The ECO mode (Backlight OFF) is automatically activated after no input signal is provided for 10 seconds or more.
- VESA standard mounting holes are equipped.
- A security slot in the back allows insertion of an industry-standard anti-theft lock.
- Power supply: 120 V AC (NTSC), 220 ~ 240 V AC (PAL)

### Standard Accessories

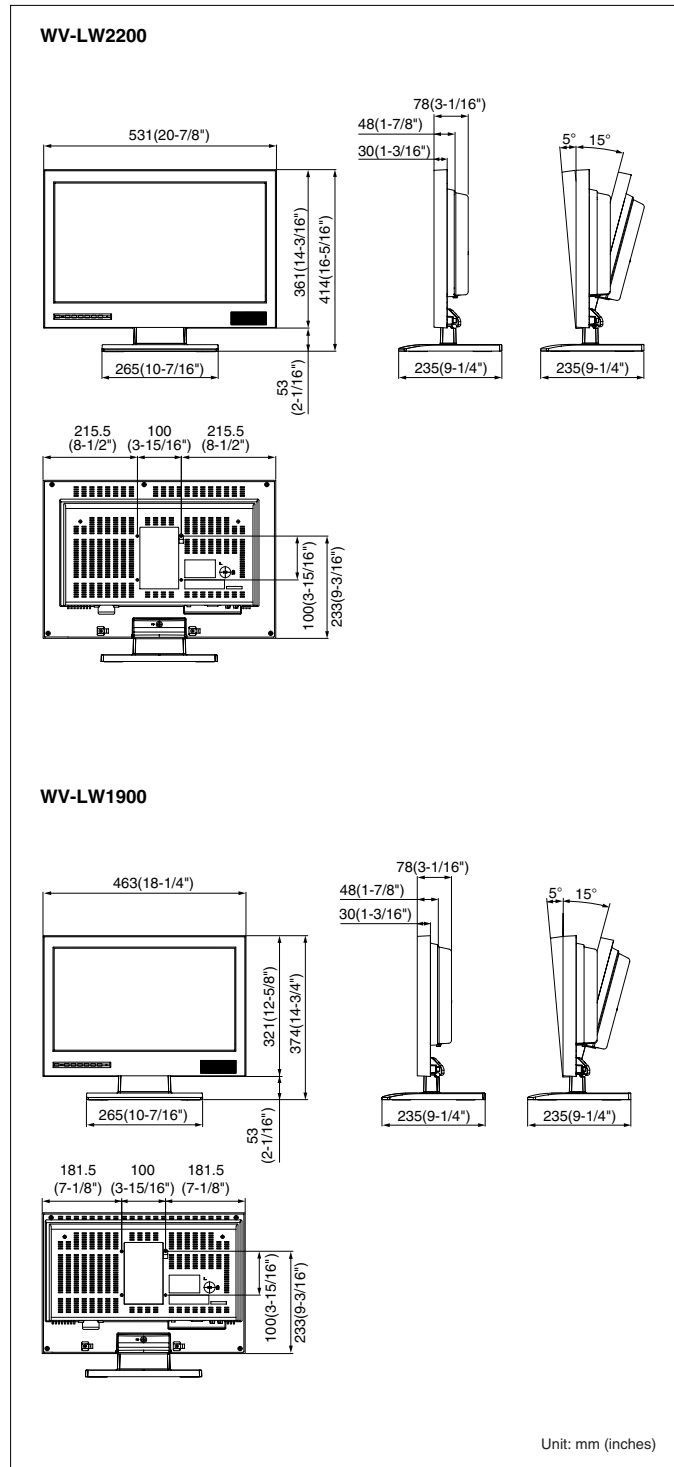
- |                                     |   |
|-------------------------------------|---|
| • Operating Instructions..... 1 pc. | • Monitor Stand ..... 1 pc.               |
| • Power Cord (NTSC) ..... 1 pc.     | • Monitor Stand Mounting Screw ... 4 pcs. |
| • Power Cord (PAL) ..... 2 pcs.     |   |

## Specifications

Model No.	WV-LW2200	WV-LW1900
<b>Display Panel</b>	54.8 cm (21.6") diagonal	47.0 cm (18.5") diagonal
Display Size	1,920 x 1,080 (Full HD)	1,366 x 768 (HD)
Number of Pixels	478 mm x 269 mm (18-13/16" x 10-9/16")	410 mm x 230 mm (16-1/8" x 9-1/16")
Display Area (H x V)	500 TV lines (analog video)	
Horizontal Resolution	16 : 9	
Aspect Ratio	300 cd/m <sup>2</sup> (Center 1 point, Typical)	
Brightness*	1000 : 1 (Typical)	
Contrast Ratio*	1.3 ms / 3.7 ms (Typical)	
Response Time (Rise/Fall)*	85° / 85° / 80° / 80° (CR>10, Typical)	
Viewing Angle (L/R/U/D)	Approx. 16.7 million colors	
Display Colors*	1x Composite Video Input (BNC) with auto termination loop through output (BNC)	
<b>Input / Output</b>	Composite Video TV System NTSC/PAL (automatic select)	
Composite Video Input	1x HDMI input (type A connector)	
Composite Video TV System	640x480p@60 Hz, 720x480i@60 Hz, 720x480p@60 Hz, 720x576i@50 Hz, 720x576p@50 Hz, 1,280x720p@50 Hz / 60 Hz, 1,920x1,080i@50 Hz / 60 Hz, 1,920x1,080p@50 Hz / 60 Hz	
HDMI (Video/Audio) Input	1x 15pin mini D-sub, 0.7 V [p-p] / 75 Ω	
HDMI Available Format	640x480@60 Hz / 72 Hz / 75 Hz (VGA) 800x600@56 Hz / 60 Hz / 72 Hz / 75 Hz (SVGA) 1,024x768@60 Hz / 70 Hz / 75 Hz (XGA) 1,152x864@75 Hz 1,280x960@60 Hz 1,280x1,024@60 Hz / 75 Hz (SXGA) 1,280x720@60 Hz 1,360x768@60 Hz	
RGB Video Input (PC)	1x -8 dBV / Hi-Z, (RCA pin jack)	
RGB Frequency Range	Speaker 1x 0.5 W	
Audio Input	Audio UP/Down by front button	
Speaker	Input Select VIDEO / HDMI / PC by front button	
<b>Controls</b>	Adjustment for Picture BRIGHTNESS, CONTRAST, SHARPNESS, COLOR Level, TINT (except PAL) by setup menu	
Audio	Adjustment for Screen H Position, V Position, CLOCK (PC only), PHASE (PC only), AUTO by setup menu	
Input Select	Color Temperature 6500 °K / 9300 °K / User by setup menu	
Adjustment for Picture	Gamma Correction 2.2 / 1.8 by setup menu	
Adjustment for Screen	Scanning 16:9 Full / 4:3 Full / 16:9 Zoom (except RGB) / 4:3 Zoom (except RGB) / Dot-by-Dot (except composite video) by setup menu	
Color Temperature	Power-save Feature Regular Mode / ECO Mode (Reduced Luminance) / ECO Mode (Backlight OFF)	
Gamma Correction	Setup Menu Language English, French, German, Spanish, Italian, Chinese, Russian, Japanese	
Scanning	<b>General</b>	
Power-save Feature	Power Source 120 V AC, 60 Hz (NTSC), 220 ~ 240 V AC 50 Hz / 60 Hz (PAL)	
Setup Menu Language	Power Consumption	
Power Source	Regular mode: 51 W, ECO mode (Reduced Luminance): approx. 29 W, ECO mode (Backlight OFF): approx. 13 W, Stand by: 1 W or less	
Power Consumption	Regular mode: 44 W, ECO mode (Reduced Luminance): approx. 24 W, ECO mode (Backlight OFF): approx. 11 W, Stand by: 1 W or less	
Ambient Operating Temperature	Ambient Operating Humidity Less than 90 % (without condensation)	
Ambient Operating Humidity	Dimensions (W x H x D)	
Dimensions (W x H x D)	531 mm x 414 mm x 235 mm (20-7/8" x 16-5/16" x 9-1/4") (including the monitor stand)	
Weight	463 mm x 374 mm x 235 mm (18-1/4" x 14-3/4" x 9-1/4") (including the monitor stand)	
<b>Safety/EMC Standard</b>	7.7 kg (17.0 lbs.) (including the monitor stand)	
<b>TV System</b>	6.5 kg (14.3 lbs.) (including the monitor stand)	
<b>NTSC models</b>	UL (UL60065), FCC (Part15 ClassA), C-UL (CAN/CSA C22.2 No.60065), DOC (ICES003 ClassA)	
<b>PAL models</b>	CE (EN60065, EN55022 ClassB, EN55024), GOST(GOST R 60065)	

\* Standard specifications of LCD panel (display) installed in WV-LW2200/LW1900

## Appearance



Unit: mm (inches)

### Trademarks and registered trademarks

– HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

### Important

– Safety Precaution: carefully read the operating instructions and installation manual before using this product.

- All TV pictures are simulated.
- Weights and dimensions are approximate.
- Specifications are subject to change without notice.
- These products may be subject to export control regulations.
- All product pictures are NTSC models.

DISTRIBUTED BY:

**Panasonic**<sup>®</sup>

<http://panasonic.net/security/>

Printed in Japan (2A-048AL)