



2009 **VIERA**[®] **S1 Series Plasma 1080p HDTVs**



TC-P42S1 – 42" Class (41.6" Measured Diagonally)

TC-P46S1 – 46" Class (46" Measured Diagonally)

TC-P50S1 – 50" Class (49.9" Measured Diagonally)

TC-P54S1 – 54" Class (54.1" Measured Diagonally)

TC-P58S1 – 58" Class (58" Measured Diagonally)

TC-P65S1 – 65" Class (64.7" Measured Diagonally)



Full-Time 1080 TV Lines Moving Picture Resolution

Produces crisp images by maintaining full TV lines of resolution even in fast moving scenes.



VIERA Image Viewer™

Provides a better way to share your digital photos with friends and family.



VIERA Link™

Lets you control all compatible audio and video devices via a single remote and helpful on-screen menus.

- 1080p Full-HD Resolution
- Neo PDP
 - Full-Time 1080 TV Lines Moving Picture Resolution
 - Contrast Ratio: 40,000:1 Native; Infinite Black Panel
 - Brighter Panel
- 600Hz Sub-field Drive
- VIERA Image Viewer™
- VIERA Link™
- AR (Anti-Reflective) Filter
- Game Mode
- 3 HDMI Inputs
- 100,000 Hour Panel Life

VIERA

Panasonic ideas for life

2009 VIERA® S1 Series Plasma 1080p HDTVs Specifications

	TC-P42S1	TC-P46S1	TC-P50S1	TC-P54S1	TC-P58S1	TC-P65S1
VIDEO						
Screen Size Diagonal (inches)	41.6	46.0	49.9	54.1	58.0	64.7
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Number of Pixels	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)	2,073,600 (1,920 x 1,080)
Pixel Pitch (mm)	0.480 x 0.480 mm	0.531 x 0.531 mm	0.576 x 0.576 mm	0.624 x 0.624 mm	0.669 x 0.669 mm	0.747 x 0.747 mm
Moving Picture Resolution	1080 lines	1080 lines	1080 lines	1080 lines	1080 lines	1080 lines
Contrast Ratio	Native: 40,000:1; Infinite Black Panel	Native: 40,000:1; Infinite Black Panel	Native: 40,000:1; Infinite Black Panel	Native: 40,000:1; Infinite Black Panel	Native: 40,000:1; Infinite Black Panel	Native: 40,000:1; Infinite Black Panel
Shades of Gradation	5,120 equivalent	5,120 equivalent	5,120 equivalent	5,120 equivalent	5,120 equivalent	5,120 equivalent
HDTV Display Capability (1080p, 1080i, 720p)	Y	Y	Y	Y	Y	Y
EDTV Display Capability (480p)	Y	Y	Y	Y	Y	Y
Aspect Control	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill	Normal, Just, Zoom, Full, H-fill
Panel	G12 Progressive 1080p HD NeoPDP	G12 Progressive 1080p HD NeoPDP	G12 Progressive 1080p HD NeoPDP	G12 Progressive 1080p HD NeoPDP	G12 Progressive 1080p HD NeoPDP	G12 Progressive 1080p HD NeoPDP
Screen Coating (Filter)	AR (Anti-Reflective) Filter	AR (Anti-Reflective) Filter	AR (Anti-Reflective) Filter	New AR (Anti-Reflective) Filter	AR (Anti-Reflective) Filter	AR (Anti-Reflective) Filter
Progressive Scan	Y	Y	Y	Y	Y	Y
600 Hz Sub-field Drive	Y	Y	Y	Y	Y	Y
24p Playback (2 : 3)	Y	Y	Y	Y	Y	Y
Deep Color	Y	Y	Y	Y	Y	Y
Motion Adaptive 3D Y/C Digital Comb Filter	Y	Y	Y	Y	Y	Y
3D Color Management	Y	Y	Y	Y	Y	Y
Sub Pixel Control	Y	Y	Y	Y	Y	Y
Motion Pattern Noise Reduction	Y	Y	Y	Y	Y	Y
AUDIO						
Speakers	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)	Full-range x 2 (L, R)
Number of Speakers	2	2	2	2	2	2
Audio Output	20 W (10% THD) (6 ohms, 150 Hz - 16 kHz)	20 W (10% THD) (6 ohms, 150 Hz - 16 kHz)	20 W (10% THD) (6 ohms, 150 Hz - 16 kHz)	20 W (10% THD) (6 ohms, 150 Hz - 16 kHz)	20 W (10% THD) (6 ohms, 150 Hz - 16 kHz)	20 W (10% THD) (6 ohms, 150 Hz - 16 kHz)
Surround Sound	Y	Y	Y	Y	Y	Y
JACKS						
Integrated ATSC Tuner	Y	Y	Y	Y	Y	Y
VIERA Image Viewer™	Y (JPEG playback)	Y (JPEG playback)	Y (JPEG playback)	Y (JPEG playback)	Y (JPEG playback)	Y (JPEG playback)
HDMI Input	3 (1 side)	3 (1 side)	3 (1 side)	3 (1 side)	3 (1 side)	3 (1 side)
Analog Audio Input (for HDMI/DVI)	Y	Y	Y	Y	Y	Y
Composite Video Input	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)
S-Video Input	1	1	1	1	1	1
Audio Input (for Video)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)
PC Input	—	—	—	—	—	—
Audio Input (for PC)	—	—	—	—	—	—
Component Video Input (Y, PB, PR)	2	2	2	2	2	2
Audio Input (for Component Video)	2	2	2	2	2	2
Digital Audio Output (Optical)	1	1	1	1	1	1
CONVENIENCE						
VIERA Link™	Y	Y	Y	Y	Y	Y
VIERA CAST™ (IPTV)	—	—	—	—	—	—
Remote Controller	IR	IR	IR	IR	IR	IR
VIERA® Tools	Y	Y	Y	Y	Y	Y
Game Mode	Y	Y	Y	Y	Y	Y
Pixel Orbiter (Anti-Image Retention)	Y	Y	Y	Y	Y	Y
Trilingual Menu (English/Spanish/French)	Y	Y	Y	Y	Y	Y
V-Chip Program Lock Out	Y	Y	Y	Y	Y	Y
Built-In Closed Caption Decoder	Y	Y	Y	Y	Y	Y
Off - Timers	Y	Y	Y	Y	Y	Y
Video Input Label	Y	Y	Y	Y	Y	Y
Video Picture Memory	Y	Y	Y	Y	Y	Y
GENERAL						
Power Supply	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz
Rated Power Consumption	485 W	526 W	584 W	—	—	—
Standby Power Consumption	0.3 W	0.3 W	0.3 W	—	—	—
On Mode Average Power Consumption	—	—	—	—	—	—
Energy Star	Y	Y	Y	Y	Y	Y
Receiving System	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Dimensions with stand	Height [inches (mm)]	28.0" (709 mm)	30.6" (775 mm)	32.4" (822 mm)	—	—
	Width [inches (mm)]	40.6" (1,029 mm)	44.6" (1,132 mm)	48.0" (1,218 mm)	—	—
	Depth [inches (mm)]	12.9" (327 mm)	15.3" (387 mm)	15.3" (387 mm)	—	—
Dimensions W/O stand	Height [inches (mm)]	26.1" (661 mm)	28.5" (722 mm)	30.3" (769 mm)	32.8" (832 mm)	—
	Width [inches (mm)]	40.6" (1,029 mm)	44.6" (1,132 mm)	48.0" (1,218 mm)	51.7" (1,313 mm)	—
	Depth [inches (mm)]	4.2" (105 mm)	4.2" (105 mm)	4.2" (105 mm)	4.2" (106 mm)	—
Weight with stand [lbs (kg)]	59.6 lbs. (27.0 kg)	68.4 lbs. (31.0 kg)	75.0 lbs. (34.0 kg)	—	—	—
Weight W/O stand [lbs (kg)]	57.4 lbs. (26.0 kg)	66.2 lbs. (30.0 kg)	72.8 lbs. (33.0 kg)	—	—	—
Operating Temperature	32°F - 104°F (0°C - 40°C)	32°F - 104°F (0°C - 40°C)	32°F - 104°F (0°C - 40°C)	32°F - 104°F (0°C - 40°C)	32°F - 104°F (0°C - 40°C)	32°F - 104°F (0°C - 40°C)
Safety Standard	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL
Carton Dimensions	Height [inches (mm)]	30.4" (771 mm)	32.8" (833 mm)	34.6" (878 mm)	—	—
	Width [inches (mm)]	45.6" (1,156 mm)	49.5" (1,255 mm)	53.0" (1,345 mm)	—	—
	Depth [inches (mm)]	11.2" (284 mm)	11.2" (284 mm)	11.2" (284 mm)	—	—
Gross Weight [lbs (kg)]	72.8 lbs. (33.0 kg)	83.8 lbs. (38.0 kg)	90.4 lbs. (41.0 kg)	—	—	—
Swivel Angle	—	—	—	—	—	—
Optional Wall-mounting Bracket Model Numbers (Angled)	TY-WK4P1RW	TY-WK4P1RW	TY-WK4P1RW	TY-WK4P1RW	—	—
Optional Wall-mounting Bracket Model Numbers (Vertical)	—	—	—	—	TY-WK4P1V4W	TY-WK6P1V7
UPC	037988-242382	037988-242375	037988-242368	037988-242351	037988-242344	037988-242337

Notice: VIERA Link™ is a new name for EZ Sync™. Not all VIERA Link™ features are usable with earlier VIERA Link™ and EZ Sync™ compatible products. Design and specification are subject to change without notice. All pictures are simulated. Infinite Black Panel = 2,000,000:1 Dynamic Contrast Ratio