

2010 VIERA® G25 Series Plasma



VIERA CAST™ WIFI WITH SKYPE® CAPABILITIES

Enjoy great Web entertainment and cutting-edge communication on your HDTV.



THX® CERTIFIED DISPLAY

Experience true theater in your own home.

INFINITE BLACK PANEL

New phosphor technology produces deep blacks and vivid images with minimal reflection.



VIERA IMAGE VIEWER™ PHOTO AND VIDEO

Enjoy your photos and HD home movies on the big screen.

- 600Hz Sub-field Drive
- 1080p Lines Moving Picture Resolution
- VIERA Link™ Connectivity with Network Camera
- ENERGY STAR 4.0
- Mercury- and Lead-Free Panel
- Long Panel Life – Up to 100,000 Hours
- 2 USB Ports and PC Input

Panasonic VIERA

2010 VIERA® G25 Series PLASMA Specifications

2010 Plasma Specifications (America)	TC-P54G25	TC-P50G25	TC-P46G25	TC-P42G25
VIDEO				
Screen Size Diagonal (inches)	54.1	49.9	46.0	41.6
Aspect Ratio	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)
Moving Picture Resolution	1080 lines	1080 lines	1080 lines	1080 lines
Contrast Ratio	Infinite Black	Infinite Black	Infinite Black	Infinite Black
Shades of Gradation	6,144 equivalent	6,144 equivalent	6,144 equivalent	6,144 equivalent
HDTV Display Capability (1080p, 1080i, 720p)	Y	Y	Y	Y
EDTV Display Capability (480p)	Y	Y	Y	Y
Aspect Control	Normal, Zoom, Full, Just, H-fill for TV/AV modes 4:3, Full for PC mode	Normal, Zoom, Full, Just, H-fill for TV/AV modes 4:3, Full for PC mode	Normal, Zoom, Full, Just, H-fill for TV/AV modes 4:3, Full for PC mode	Normal, Zoom, Full, Just, H-fill for TV/AV modes 4:3, Full for PC mode
Full HD 3D	—	—	—	—
AR (Anti-Reflective) Filter	Y	Y	Y	Y
600Hz Sub-field Drive	Y	Y	Y	Y
24p Cinematic Playback	—	—	—	—
24p Playback (2:3)	Y	Y	Y	Y
Deep Color	Y	Y	Y	Y
x.v.Color	Y	Y	Y	Y
THX® Mode	Y	Y	Y	Y
ISFccc	—	—	—	—
Studio Ref Mode	—	—	—	—
Pro Setting	—	—	—	—
3D Color Management	Y	Y	Y	Y
Sub Pixel Control	Y	Y	Y	Y
Motion Pattern Noise Reduction	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)
Number of Speakers	2	2	2	2
Audio Output	20 W (10% THD)	20 W (10% THD)	20 W (10% THD)	20 W (10% THD)
BBE® VIVA HD3D Sound	—	—	—	—
Surround Sound	Y	Y	Y	Y
JACKS				
Integrated ATSC Tuner	Y	Y	Y	Y
VIERA Image Viewer™	Y (AVCHD/MPEG2/JPEG playback)	Y (AVCHD/MPEG2/JPEG playback)	Y (AVCHD/MPEG2/JPEG playback)	Y (AVCHD/MPEG2/JPEG playback)
HDMI Input	3 (1 side)	3 (1 side)	3 (1 side)	3 (1 side)
Support Feature	Audio Return Channel (Input 1)	Audio Return Channel (Input 1)	Audio Return Channel (Input 1)	Audio Return Channel (Input 1)
USB	2	2	2	2
Analog Audio Input (for HDMI/DVI)	Y	Y	Y	Y
Composite Video Input	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)
Audio Input (for Video)	2 (1 side)	2 (1 side)	2 (1 side)	2 (1 side)
PC Input	D-sub 15-pin x 1 (side)	D-sub 15-pin x 1 (side)	D-sub 15-pin x 1 (side)	D-sub 15-pin x 1 (side)
Component Video Input (Y, Pb, Pr)	2	2	2	2
Audio Input (for Component Video)	2	2	2	2
LAN Port	1	1	1	1
RS232C	—	—	—	—
Digital Audio Output (Optical)	1	1	1	1
CONVENIENCE				
VIERA Link™	Y (with Network Camera)	Y (with Network Camera)	Y (with Network Camera)	Y (with Network Camera)
VIERA CAST™(IPTV)	Y	Y	Y	Y
Skype™ Ready	Y	Y	Y	Y
VIERA Tools	Y	Y	Y	Y
Game Mode	Y	Y	Y	Y
3D Active Shutter Eyewear	—	—	—	—
Clean Touch Bezel	—	—	—	—
Pixel Orbiter (Anti-Image Retention)	Y	Y	Y	Y
Trilingual Menu (English/Spanish/French)	Y	Y	Y	Y
Built-In Closed Caption Decoder	Y	Y	Y	Y
Off-Timers	Y	Y	Y	Y
GENERAL				
Power Supply	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz	AC 120 V, 60Hz
Rated Power Consumption		441 W	384 W	327 W
Standby Power Consumption		0.2 W	0.2 W	0.3 W
On Mode Average Power Consumption				
ENERGY STAR	Y	Y	Y	Y
Receiving System	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC	ATSC/QAM/NTSC
Dimensions with Stand	Height [inches (mm)]	34.8" (882 mm)	31.9" (808 mm)	30.0" (761 mm)
	Width [inches (mm)]	51.7" (1,313 mm)	48.0" (1,218 mm)	44.6" (1,132 mm)
	Depth [inches (mm)]	15.3" (387 mm)	13.2" (335 mm)	13.2" (335 mm)
Dimensions w/o Stand	Height [inches (mm)]	32.8" (832 mm)	30.3" (769 mm)	28.5" (722 mm)
	Width [inches (mm)]	51.7" (1,313 mm)	48.0" (1,218 mm)	44.6" (1,132 mm)
	Depth [inches (mm)]	3.5" (88 mm)	3.5" (88 mm)	3.5" (88 mm)
Weight with Stand [lbs. (kg)]	70.6 lbs. (32.0 kg)	63.9 lbs. (29.0 kg)	59.5 lbs. (27.0 kg)	51.8 lbs. (23.5 kg)
Weight w/o stand [lbs. (kg)]	65.0 lbs. (29.5 kg)	57.3 lbs. (26.0 kg)	52.9 lbs. (24.0 kg)	45.2 lbs. (20.5 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)
Safety Standard	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL	UL6500/C-UL
Carton Dimensions	Height [inches (mm)]	36.9" (936 mm)	34.4" (872 mm)	32.6" (826 mm)
	Width [inches (mm)]	57.6" (1,461 mm)	53.0" (1,345 mm)	49.6" (1,259 mm)
	Depth [inches (mm)]	13.1" (332 mm)	11.2" (284 mm)	11.2" (284 mm)
Gross Weight [lbs. (kg)]	88.2 lbs. (40 kg)	79.4 lbs. (36 kg)	72.8 lbs. (33 kg)	61.7 lbs. (28 kg)
Swivel Angle	—	±10°	±10°	±15°
Optional Wall-Mounting Bracket Model Numbers	TY-WKSP1RW	TY-WK4P1RW	TY-WK4P1RW	TY-WK4P1RW