

2011 VIERA® ST30 Series Plasma



Available Models:

TC-P42ST30
TC-P46ST30
TC-P50ST30
TC-P55ST30
TC-P60ST30
TC-P65ST30

FULL HD 3D

Revolutionary VIERA Full HD 3D Technology delivers award-winning realism that immerses you in the image.

INFINITE BLACK 2 PANEL

Delivers deep blacks and minimizes reflection for bright, vivid images.

VIERA CONNECT WI-FI READY

Enjoy a world of movies, sports and other online apps, plus Skype™ video calls on your VIERA HDTV.

VIERA IMAGE VIEWER WITH 3D PLAYBACK (MOVIE & PHOTO CAPABLE)

View your digital photos and videos, including 3D images, on your VIERA HDTV.

- Fast Switching Phosphors
- 600 Hz Sub-field Drive
- 1080p Full HD Resolution
- 2D/3D Conversion
- Game Mode
- Motion Smoother
- Skype™ Video Calling*
- DLNA
- VIERA Link™
- 3 HDMI
- 2 USB
- Mercury and Lead-Free Panel
- Long Panel Life (up to 100,000 Hours)



Panasonic
ideas for life

VIERA

*Compatible HD web camera and Internet connection required for Skype™ video calls.

2011 VIERA®

ST30 Series Plasma

	TC-P65ST30	TC-P60ST30	TC-P55ST30	TC-P50ST30	TC-P46ST30	TC-P42ST30
VIDEO						
Screen Size Diagonal (in)	64.7	60.1	55.1	49.9	46.0	41.6
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)
Moving Picture Resolution	1,080 lines	1,080 lines	1,080 lines	1,080 lines	1,080 lines	1,080 lines
Shades of Gradation	6,144 equivalent	6,144 equivalent	6,144 equivalent	6,144 equivalent	6,144 equivalent	6,144 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	4:3, Zoom, Full, Just, H-fill	4:3, Just, Zoom, Full, H-fill	4:3, Just, Zoom, Full, H-fill	4:3, Just, Zoom, Full, H-fill	4:3, Just, Zoom, Full, H-fill	4:3, Just, Zoom, Full, H-fill
Louver Filter	Y	Y	Y	Y	Y	Y
600 Hz Sub-field Drive	Y	Y	Y	Y	Y	Y
24p Cinematic Playback	—	—	—	—	—	—
24p Playback (2 : 3)	Y	Y	Y	Y	Y	Y
Deep Color	Y	Y	Y	Y	Y	Y
x.v.Color	Y	Y	Y	Y	Y	Y
THX Mode	—	—	—	—	—	—
ISFccc	—	—	—	—	—	—
Pro Setting	Y	Y	Y	Y	Y	Y
Super Resolution	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
FULL HD 3D						
3D Panel	Y	Y	Y	Y	Y	Y
3D 24p Cinema Smoother	Y	Y	Y	Y	Y	Y
2D-3D Conversion	Y	Y	Y	Y	Y	Y
3D Image Viewer	Y	Y	Y	Y	Y	Y
3D Active Shutter Eyewear	Not Included	Not Included	Not Included	Not Included	Not Included	Not Included
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	20 W	20 W	20 W	20 W	20 W
CONEQ	—	—	—	—	—	—
Surround Sound	Y	Y	Y	Y	Y	Y
JACKS						
Integrated ATSC Tuner	Y	Y	Y	Y	Y	Y
VIERA Image Viewer	Y (AVCHD/ MPEG2/ JPEG/ MP3 playback)	Y (AVCHD/ MPEG2/ JPEG/ MP3 playback)	Y (AVCHD/ MPEG2/ JPEG/ MP3 playback)	Y (AVCHD/ MPEG2/ JPEG/ MP3 playback)	Y (AVCHD/ MPEG2/ JPEG/ MP3 playback)	Y (AVCHD/ MPEG2/ JPEG/ MP3 playback)
HDMI	Input	3 (1 side)	3 (1 side)	3 (1 side)	3 (1 side)	3 (1 side)
	Support Feature	Audio Return Channel (Input 1)/ 3D Input (All)	Audio Return Channel (Input 1)/ 3D Input (All)	Audio Return Channel (Input 1)/ 3D Input (All)	Audio Return Channel (Input 1)/ 3D Input (All)	Audio Return Channel (Input 1)/ 3D Input (All)
USB	2	2	2	2	2	2
Analog Audio Input (for HDMI/DVI)	Y	Y	Y	Y	Y	Y
Composite Video Input	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1
Audio Input (for Video)	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1
PC Input	—	—	—	—	—	—
Component Video Input (Y, PB, PR)	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1
Audio Input (for Component Video)	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1	RCA x 1
LAN Port	1	1	1	1	1	1
RS232C	—	—	—	—	—	—
Digital Audio Output (Optical)	1	1	1	1	1	1
CONVENIENCE						
VIERA Link	Y	Y	Y	Y	Y	Y
VIERA Connect (IPTV)	Y	Y	Y	Y	Y	Y
Easy IPTV	—	—	—	—	—	—
Wireless LAN Adaptor	Y	Y	Y	Y	Y	Y
VIERA Tools	Y	Y	Y	Y	Y	Y
DLNA	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
Built-In Closed Caption Decoder	Y	Y	Y	Y	Y	Y
Off-Timers	Y	Y	Y	Y	Y	Y
GENERAL						
Power Supply	AC 120 V, 60 Hz	AC 120 V, 60 Hz	AC 120 V, 60 Hz	AC 120 V, 60 Hz	AC 120 V, 60 Hz	AC 120 V, 60 Hz
On Mode Average Power Consumption	159W	139W	119W	106W	93W	79W
Receiving System	ATSC/ QAM/ NTSC	ATSC/ QAM/ NTSC	ATSC/ QAM/ NTSC	ATSC/ QAM/ NTSC	ATSC/ QAM/ NTSC	ATSC/ QAM/ NTSC
Dimensions with Stand	Height [in (mm)]	39.1" (992 mm)	36.2" (919 mm)	33.5" (849 mm)	30.7" (779 mm)	26.6" (675 mm)
	Width [in (mm)]	61.7" (1,566 mm)	56.9" (1,443 mm)	52.2" (1,324 mm)	47.4" (1,204 mm)	40.2" (1,020 mm)
	Depth [in (mm)]	15.8" (400 mm)	15.3" (387 mm)	15.3" (387 mm)	13.2" (335 mm)	12.6" (320 mm)
Dimensions without stand	Height [in (mm)]	37.6" (954 mm)	34.8" (882 mm)	32.0" (812 mm)	29.3" (744 mm)	25.2" (640 mm)
	Width [in (mm)]	61.7" (1,566 mm)	56.9" (1,443 mm)	52.2" (1,324 mm)	47.4" (1,204 mm)	40.2" (1,020 mm)
	Depth [in (mm)]	Speaker depth: 2.8" (71 mm); Panel depth: 2.2" (54 mm)	Speaker depth: 2.8" (71 mm); Panel depth: 2.2" (54 mm)	Speaker depth: 2.8" (69 mm); Panel depth: 2.2" (54 mm)	Speaker depth: 2.8" (69 mm); Panel depth: 2.2" (54 mm)	Speaker depth: 2.8" (69 mm); Panel depth: 2.2" (54 mm)
Weight with stand [lbs (kg)]	112.5 lbs. (51.0 kg)	94.8 lbs. (43.0 kg)	86.0 lbs. (39.0 kg)	66.2 lbs. (30.0 kg)	59.6 lbs. (27.0 kg)	51.8 lbs. (23.5 kg)
Weight without stand [lbs (kg)]	97.1 lbs. (44.0 kg)	81.6 lbs. (37.0 kg)	72.8 lbs. (33.0 kg)	57.4 lbs. (26.0 kg)	50.7 lbs. (23.0 kg)	44.1 lbs. (20.0 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	UL60065 (7th edition)/ C-UL	UL60065 (7th edition)/ C-UL	UL60065 (7th edition)/ C-UL	UL60065 (7th edition)/ C-UL	UL60065 (7th edition)/ C-UL	UL60065 (7th edition)/ C-UL
Carton Dimensions	Height [in (mm)]	46.9" (1,191 mm)	39.8" (1,010 mm)	36.8" (933 mm)	33.9" (859 mm)	31.9" (810 mm)
	Width [in (mm)]	67.7" (1,719 mm)	63.2" (1,603 mm)	58.7" (1,490 mm)	53.0" (1,344 mm)	49.6" (1,258 mm)
	Depth [in (mm)]	14.9" (377 mm)	12.1" (307 mm)	12.1" (307 mm)	10.0" (252 mm)	10.0" (252 mm)
Gross Weight [lbs (kg)]	141.1 lbs. (64.0 kg)	119.1 lbs. (54.0 kg)	103.7 lbs. (47.0 kg)	81.6 lbs. (37.0 kg)	75.0 lbs. (34.0 kg)	64.0 lbs. (29.0 kg)
Swivel Angle	—	—	—	±10°	±10°	±15°
One-Sheet-of-Glass Design	—	—	—	—	—	—
Optional Wall-mounting Bracket Model Numbers	TY-WK6P1RW	TY-WK5P1RW	TY-WK5P1RW	TY-WK4P1RW	TY-WK4P1RW	TY-WK4P1RW