



# > Hyundai IT P240W 3D Display



Bringing 3D to Mainstream

## Groundbreaking 3D Display

Turn your current PC into a 3D visualization workstation, try your favorite game in stereo for off-the-screen action, or pop in a DVD to enjoy a movie in a whole new way.

The 24 inch P240W display provides astonishing 1920x1200 high quality stereo visualization and is easily switched between 2D and 3D modes with DDD's TriDef® software.

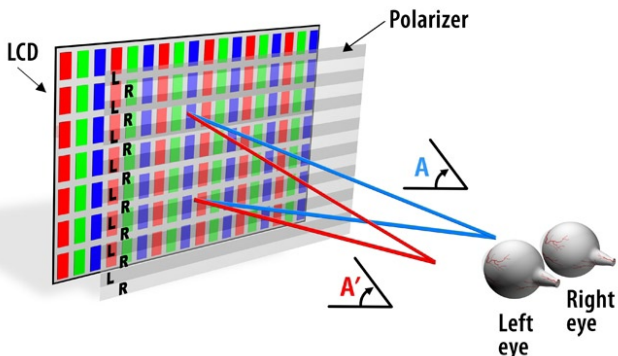
The lightweight, easy to use polarized glasses included, provide wide angle comfortable 3D viewing for a broad range of applications from scientific visualization to video gaming. Since the Xpol material used in the P240W is passive, it doesn't require any additional display electronics and delivers a reliable and durable solution.

## Xpol® - How it works

Xpol is a market leading circular polarized material that alternately polarizes horizontal rows of pixels on the display. The 3D image is created by placing the left eye image into odd numbered rows and the right eye image in even numbered rows. The lenses in the 3D glasses are also polarized with Xpol material ensuring only the left eye sees the left image and vice versa. Xpol is the registered trademark of Arisawa Mfg Co Ltd.

By interleaving the left and right images in horizontal rows, Xpol delivers a wide field of view. The circular polarizers maintain 3D image integrity while accommodating a wider range of head movement by the end-user.

## Horizontal Polarizer



## Purchase with DDD's TriDef Software

**TriDef Visualizer** – Visualizer enables Windows-based OpenGL® graphical applications to deliver output for presentation on a 3D display without the need to modify application code. See [www.tridef.com/visualizer/opengl/driver/guide/enabled-apps.html](http://www.tridef.com/visualizer/opengl/driver/guide/enabled-apps.html) for list of supported applications.

**TriDef 3D Experience** – lets you play your 2D content in realtime 3D and also plays native stereo 3D content formatted in a variety of popular 3D formats. Includes TriDef Media Player, TriDef DVD Player, TriDef Visualizer OpenGL for Google Earth and TriDef Visualizer DirectX for popular PC games. See <http://www.tridef.com/3dgames/3d-games.html> for further information.

## About DDD

DDD leads the market in high quality 3D for motion picture, television, computers and mobile phones.

DDD's award winning TriDef 2D to 3D conversion engine is at the heart of many of these innovative new displays that deliver awesome 3D experiences both with and without the need to wear glasses.

## Contact Information

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# Hyundai IT P240W 3D Display Specifications



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<b>LCD</b>	Size	24 inch Wide	
	Type	A-Si TFT Active Matrix ,Glare	
	Viewing Angle(H/V)	178/178(CR≥10)	
	Pixel Pitch	0.270 mm (H x V)	
	Resolution	1920 x 1200	
	Response Time(ms)	6( G to G )	
	Contrast Ratio	1000:1(typ)	
Luminance		500 cd/m <sup>2</sup> (typ)	
<b>Active Display Size (H x V)</b>		518.4 x 324 mm	
<b>Display Color</b>		16.7 Mil	
<b>Input Signal</b>	Video	R.G.B Analog DVI( Digital Signal )	
	Sync	H/V - Separate TMDS Signal	
	Connector	ANALOG R.G.B (15 pin D-sub )	
		DVI Connector	
		PC AUDIO IN PC AUDIO OUT	
	Cable	>1,500mm	
<b>Scanning Frequency</b>	Horizontal	30 K - 80KHz	
	Vertical	56-76Hz	
<b>Max. Resolution (Analog)</b>		1920 x 1200 @ 60Hz	
<b>Recommended Resolution</b>		1920 x 1200 @60Hz	
<b>Factory Preset Modes</b>	Analog	640 x 350 @ 70 Hz	
		720 x 400 @ 70 Hz	
		640 x 480 @ 60/70/75Hz	
		800 x 600 @ 60/70/75 Hz	
		1024 x 768 @ 60/70/75Hz	
		1280 x 1024 @ 60/75Hz	
	Digital	1600 x 1200 @ 60Hz	
		1680 x 1080 @ 60Hz	
		1920 x 1200 @ 60Hz	
		640 x 480 @ 60 Hz	
		800 x 600 @ 60 Hz	
		1024 x 768 @ 60 Hz	
		1280 x 960 @ 60 Hz	
		1280 x 1024 @ 60 Hz	
		1440 x 900 @ 60 Hz	
		1600 x 1200 @ 60 Hz	
		1920 x 1200 @ 60 Hz	

<b>Plug-and-Play</b>		VESA DDC 2B	
<b>Other Features</b>	VESA Arm	10 x 10 cm	
	Kensington lock	Yes	
	Audio system	3W x 2ch	
	Stand	Tilt Stand	
<b>User Controls</b>	Analog	Brightness, Contrast, COLOR CONTROL	
		H/V-Position, Clock , phase,	
		OSD H/V POSITION, OSD TIME	
		AUDIO , VOLUME	
		RECALL, AUTO COLOR	
	Digital or Video	AUTO ADJUST , INPUT SELECT	
		ASPECT, OSD LANGUAGE	
		Brightness, Contrast,	
		OSD H/V POSITION, OSD TIME	
		Color Enhancement,	
<b>Power Management</b>	VESA DPMS		
	<b>Power</b>	Source	100-240V AC
		Consumption(Typ.)	100W ( Max )
		Type	24V/5A ( Adapter )
<b>Emmissions Standard</b>		UL/CUL, CB , MIC	
<b>Safety &amp; Regulations</b>	Standard	VCCI	
		FCC, CE	
<b>Dimension (W x H x D)</b>	Unit	618 x 590 x 217mm	
	Packed	655 x 570 x 255mm	
<b>Weight</b>	Unit	9.6kg	
	Packed	12.5 kg	
<b>Loading Q'ty</b>	20 ft. Containers	192 Sets	
	40 ft. Containers	432 Sets	