• 1366 x 768 native resolution

• 900:1 contrast ratio

• 800 cd/m² brightness (typical)

• Digital Natural Image enhancement

• Multiple burn-in prevention features

• 160° horizontal/vertical viewing angle

• 480i, 480p, 720p, 1080i, C-Video, S-Video and RGB signal compatibility

• Picture-in-Picture and Picture-by-Picture

• Ultra-narrow 3.1" profile

Images just keep getting more powerful. A 50" widescreen plasma display with impressive 1366 x 768 native resolution, the PPM50H3 is the state of the art in display technology. With exclusive DNIe technologies like 3D noise reduction and digital detail enhancement, every message is communicated more clearly, more powerfully. And with a wide range of inputs and signal compatibilities, the 3.1" narrow PPM50H3 lets you communicate like never before.

PPM50H3

50" Widescreen Plasma Monitor

PPM50H3

50" Widescreen Plasma Monitor

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Specifications	
Panel Diagonal Size	50"
Screen Aspect Ratio	16:9
Pixel Pitch	0.81 x 0.81 mm
Brightness	800 cd/m² (Typical)
Contrast	900:1 (Typical)
Output Color	16.7 Million (256 RGB Levels)
Viewing Angle (H/V)	160°/160°
Scanning Frequency	Horizontal: 29.8 – 80 KHz, Vertical: 56 – 85 Hz
Active Native (Recommended) Resolution	1366 x 768
PC Signal Compatibility	VGA – UXGA
Video Signal Compatibility	480i, 480p, 720p, 1080i, C-Video, S-Video and RGB
SD/HD Video Output	HD
Input Terminals	Composite Video – 1 x RCA
	Component Video 1 – 3 x RCA (Y/Pb/Pr), Component Video 2 – 3 x BNC (Y/Pb/Pr)
	S-Video – 1 x DIN 4-Pin
	DVI – 1 x DVI 29-Pin
	RGB 1 – 1 x Mini D-Sub 15-Pin, RGB 2 – 5 x BNC (RGB/H/V)
	RS232C – 1 x Mini Jack
	Audio – 1 x Mini Jack, 2 Sets RCA
Output Terminals	Composite Video – 1 x RCA
	Audio – 2 x RCA (L/R)
	Speaker – External Speaker Jack
	RS232C – 1 x D-Sub 9-Pin
External Control	Universal Remote Controller
	Built-In Keys (Power, Source, Menu, Volume, Select)
	RS232C (with Daisy Chain Out)
Special Features	DNIe Picture Compensation Algorithm, 4H Digital Comb Filter, Progressive Scan, Digital Noise Reduction
	Multi-Layer Anti-Reflection Filter
	Burn-In Protection (Auto Pixel Shift, Signal Pattern Processor, All White)
	Multi-Region Color System (PAL, SECAM, NTSC 3.58, NTSC 4.43)
	Selectable Picture Mode (Video: Custom, Dynamic, Standard, Movie; PC: Custom, High, Middle, Low), Selectable Color Temperature (Normal, Cool 1, Cool 2, Warm 1, Warm 2)
	Variable Aspect Ratio (6 Modes: Wide, Panorama, Zoom 1, Zoom 2, 14:9, Normal)
	Picture-in-Picture, Picture-by-Picture, Digital Zoom, Picture Freeze
	Multiple Display Control (RS232C)
	Display Power Management Signaling
	Clock and Phase Adjustment
	Real Time Clock, On/Off Timer
	Built-In Matrix Video Wall Processor (2 x 2, 3 x 3, 4 x 4, 1 x 5, 5 x 1)
	Vertical Pivot Display
Ventilation	Selectable Fan Operation
Operating Condition	Temperature: 32° – 104°F, Altitude: 6500 Feet, Humidity: 20 – 80%, RH, Noncondensing
Warranty	2-Year Parts and Labor, On-Site Service
Safety Regulations	CE, UL1492, UL6500, CSA C22.2, FCC Class B
Power Requirement	100 – 250V (50/60 Hz)
Power Consumption	480 Watts
Dimensions (W x H x D)	47.4" x 28.5" x 3.1" (Without Stand)
Weight	94.7 Lbs. (Without Stand)
Included Accessories	Table-Top Feet, Remote Controller, Power Cable, Speaker Wires, MDC Software, Pivot Software, PC Signal Cable (Analog 15-Pin), MDC Cable, Owner's Instructions
Optional Accessories	Wall Mount WMN4230, Vertical Wall Mount VMN4230, Ceiling Mount CML300, Speakers PSN5030

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Product Information 1-866-542-7214	**Product Support** 1-800-SAMSUNG	www.samsungusa.com/proav

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