- 3000:1 contrast ratio

- 1000 cd/m^2 brightness (typical)

- Exclusive DNIe image-enhancing technology

- 1024 x 768 native resolution

- Built-in video wall processor

- 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

Designed to inform and entertain with outstanding contrast and brightness, the PPM42H3 features a 16:9 aspect ratio and a native resolution of 1024 x 768 for true HDTV imaging. Featuring our exclusive Digital Natural Image enhancement technology for exacting detail, superb contrast, vibrant colors and excellent motion handling, it provides a superior picture at every level. The PPM42H3 also features a built-in video wall processor and advanced burn-in prevention technologies, all in a 42" display measuring a mere 3.1" in depth.

PPM42H3

42" Widescreen Plasma Monitor

SAMSUNG

PPM42H3

42" Widescreen Plasma Monitor

SAMSUNG

Specifications	
Panel Diagonal Size	42"
Screen Aspect Ratio	16:9
Pixel Pitch	0.912 x 0.693 mm
Brightness	1000 cd/m² (Typical)
Contrast	3000:1 (Typical)
Output Color	16.7 Million (256 RGB Levels)
Viewing Angle (H/V)	160°/160°
Scanning Frequency	Horizontal: 29.8 – 75 KHz, Vertical: 56 – 85 Hz
Active Native (Recommended) Resolution	1024 x 768
PC Signal Compatibility	VGA – WXGA
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	360 Watts
Dimensions (W x H x D)	40.4" x 24.8" x 3.1" (Without Stand)
Weight	68.3 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 PSN4230

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Product Information
1-866-542-7214

Product Support
1-800-SAMSUNG

www.samsungusa.com/proav

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