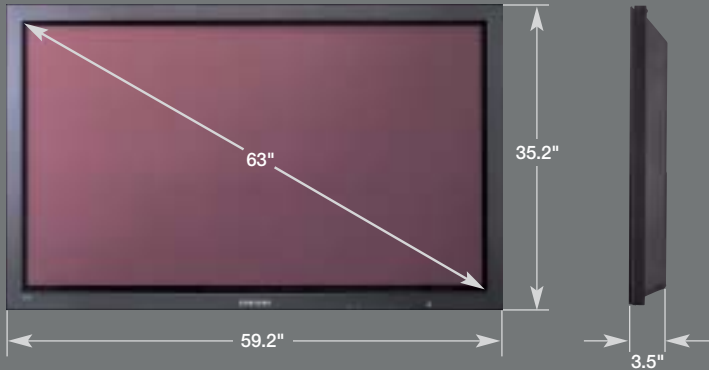


PPM63H3Q

63" HD

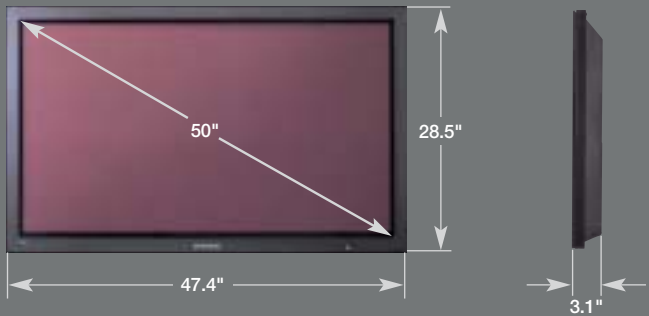
1366 x 768 Resolution



PPM50H3Q

50" HD

1366 x 768 Resolution



PPM42H3

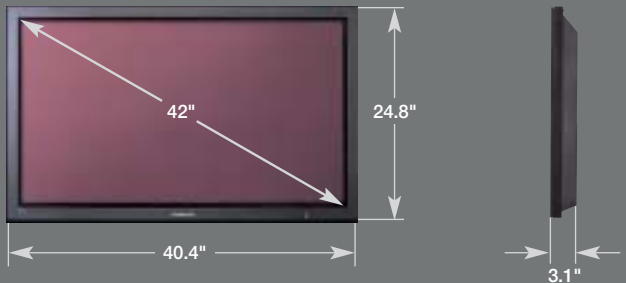
42" HD

1024 x 768 Resolution

PPM42S3Q

42" SD

852 x 480 Resolution



Introducing Digital Natural Image enhancement (DNie) Technology. Exclusively from Samsung.

DNie is an exciting new Samsung technology that makes the best plasma displays even better. The detail, contrast, 3D motion and color are, very simply, the best you've ever seen.

Detail Enhancer DNie renders images that are perfect in every detail, without noise or flicker. Frequency characteristics are improved by natural peaking for natural edge transitions.



Conventional
Typical Detail

With DNie
Extreme Detail

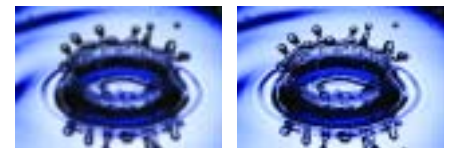
Contrast Enhancer A first-ever minute analysis yields an exceptionally dynamic contrast range. Blacks are blacker than ever. Whites are whiter than ever. Overall contrast and brightness are more natural-feeling.



Conventional
Gray Blacks, Gray Whites

With DNie
Black Blacks, White Whites

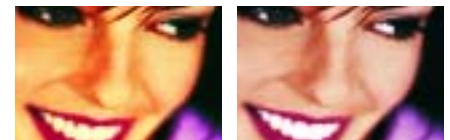
3D Motion Optimizer Three-dimensional analysis eliminates blurring and noise in motion images. Even still images are sharper and clearer.



Conventional
Motion Blurring and
Image Tails

With DNie
Motion Blurring and
Image Tails Eliminated

Color Optimizer Colors are smooth, pure and natural, not harsh and artificial. Skin tones are beautiful and realistic.



Conventional
Good, but Not Perfectly
Natural, Color

With DNie
Pure Whites and Natural
Skin Tones

		PPM42S3Q	PPM42H3	PPM50H3Q	PPM63H3Q
Product Specifications					
Panel	Diagonal Size Screen Aspect Ratio Pixel Pitch Brightness Contrast Output Color Viewing Angle (H/V)	42" 16:9 1.08 x 1.08 mm 1000 cd/m ² (Typical) 3000:1 (Typical) 16.7 Million (256 RGB Levels) 160°/160°	42" 16:9 0.912 x 0.693 mm 1000 cd/m ² (Typical) 3000:1 (Typical) 16.7 Million (256 RGB Levels) 160°/160°	50" 16:9 0.81 x 0.81 mm 1000 cd/m ² (Typical) 3000:1 (Typical) 16.7 Million (256 RGB Levels) 160°/160°	63" 16:9 1.02 x 1.02 mm 1000 cd/m ² (Typical) 3000:1 (Typical) 16.7 Million (256 RGB Levels) 160°/160°
Scanning Frequency	Horizontal Vertical	29.8–75KHz 56–85Hz	29.8–75KHz 56–85Hz	29.8–80KHz 56–85Hz	29.8–80KHz 56–85Hz
Resolution	Native Resolution Recommended Resolution PC Signal Compatibility Video Signal Compatibility SD/HD Video Output	852 x 480 852 x 480 VGA–WXGA 480i, 480p, 720p, 1080i, C-Video, S-Video and RGB SD	1024 x 768 1024 x 768 VGA–WXGA 480i, 480p, 720p, 1080i, C-Video, S-Video and RGB HD	1366 x 768 1366 x 768 VGA–UXGA 480i, 480p, 720p, 1080i, C-Video, S-Video and RGB HD	1366 x 768 1366 x 768 VGA–UXGA 480i, 480p, 720p, 1080i, C-Video, S-Video and RGB 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 29-Pin DVI 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 Speaker – External Speaker Jack Audio – 2 x RCA (L/R) RS232C – 1 x D-Sub 9-Pin			
External Control		IR Remote Controller Built-In Keys (Power, Source, Menu, Volume, Select) RS232C (with Daisy Chain Out)			
Special Features		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) 4H Digital Comb Filter Selectable Color Temperature (Normal, Cool1, Cool2, Warm1, Warm2) Selectable Picture Mode (Video: Custom, Dynamic, Standard, Movie; PC: Custom, High, Middle, Low) Multiple Display Control (RS232C) Display Power Management Signaling Digital Noise Reduction Progressive Scan Variable Aspect Ratio (6 Modes: Wide, Panorama, Zoom 1, Zoom 2, 14:9, Normal) Picture In Picture, Picture By Picture Clock and Clock Phase Adjustment On/Off Timer Digital Zoom, Picture Freeze Built-In Matrix Video Wall Processor (2 x 2, 3 x 3, 4 x 4, 1 x 5, 5 x 1) Vertical Pivot Display (Except PPM42H3) DNle Picture Compensation Algorithm			
Ventilation		Selectable Fan Operation (Except PPM42H3)			
Operating Condition	Temperature Humidity Altitude	32°–104°F 20–80% RH, Noncondensing 6500 Feet			
Warranty		2 Year Parts and Labor, On-Site Service			
Safety Regulations		CE, UL1492, UL6500, CSA C22.2, FCC Class B (PPM42S3Q and PPM50H3Q FCC Class A)			
Power Requirement		100–250V (50/60Hz)	100–250V (50/60Hz)	100–250V (50/60Hz)	100–250V (50/60Hz)
Power Consumption		330 Watts	380 Watts	490 Watts	630 Watts
Dimension (W x H x D)		40.4" x 24.8" x 3.1" (Without Stand)	40.4" x 24.8" x 3.1" (Without Stand)	47.4" x 28.5" x 3.1" (Without Stand)	59.2" x 35.2" x 3.5" (Without Stand)
Weight		68.3 Lbs. (Without Stand)	68.3 Lbs. (Without Stand)	94.7 Lbs. (Without Stand)	152.1 Lbs. (Without Stand)
Included Accessories		Tabletop Stand or Feet, Remote Controller, Power Cable, Speaker Wires, MDC Software, Pivot Software (Except PPM42H3), PC Signal Cable (Analog 15-Pin), MDC Cable, Owner's Instructions			
Optional Accessories	Tabletop Stand/Feet Wall Mount Vertical Wall Mount Ceiling Mount Speakers	Included WMN4230 VMN4230 CML300 PSN4230	Included WMN4230 — CML300 PSN4230	Included WMN4230 VMN4230 CML300 PSN5030	SMM6330 WMN6330 VMN6330 — PSM6330





Samsung Plasma Monitors

Professional Audio/Video

SAMSUNG

Nothing ruins a good idea
faster than a bad presentation.



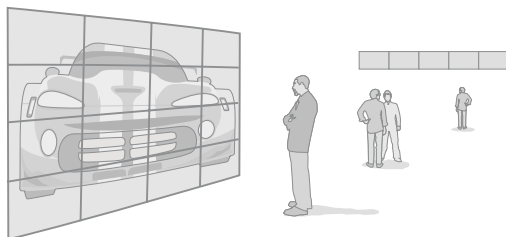
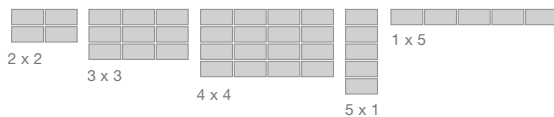
You may be sharing an idea with someone a continent away in a video conference. Or you may be presenting an idea to thousands through a retail display. But in that moment, after all the brainstorming, all the refining, all the execution, nothing is more important than your monitor. Samsung professional plasma displays are designed to help you communicate your ideas with the brightest, sharpest, clearest pictures imaginable. We've incorporated some of our latest, best ideas, like Digital Natural Image enhancement technology. And since ideas aren't confined to a horizontal format, we made our new plasma monitors able to be mounted vertically. This is technology at its finest. Technology that's driven by good ideas. Technology that's all about you and your ideas.

SAMSUNG

These are a few of the things that separate Samsung professional plasma displays from all others. The result, of course, is unprecedented images and excellent flexibility.



Video Wall If one's good, two's better. Or how about 16? Whatever configuration you want is made easier than ever with a built-in processor. Create huge, dynamic displays of 2 x 2 (4), 3 x 3 (9), 4 x 4 (16), 5 x 1 and 1 x 5.



Picture By Picture Our 16:9 plasma displays allow large side-by-side images to be displayed simultaneously.

RS232C Multi Display Control More control is always good. Especially when it's easy. The built-in RS232C interface lets you control up to 11 units as a single system from your PC. Just open the supplied MDC software, list the units to be controlled, and click on the function you display. It's that simple.



Accessories

Genuine Samsung accessories are made to fit and work perfectly with your Samsung plasma display.

Tabletop Stand/Feet
Included with all models except PPM63H3Q

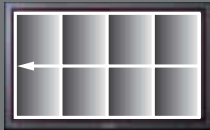
Wall Mount
Available for all models

Vertical Wall Mount
Available for all models except PPM42H3

Ceiling Mount
Available for all models except PPM63H3Q

Speakers
Available for all models

Vertical Image Capability Landscape idea or portrait idea? You're not limited with Samsung. Our plasma displays can be mounted either horizontally or vertically (PPM42H3 excluded.)



Our exclusive Signal Pattern Process neutralizes adjacent cell charges to eliminate electrically charged image retention.



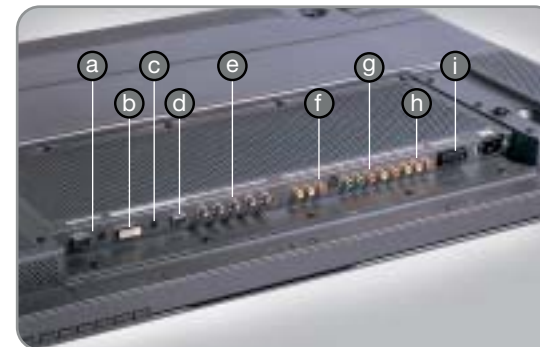
Anti-Burn Technologies Long meeting? Want to leave your display on 24/7? No problem. Samsung plasma displays feature multiple anti-burn technologies. Our Auto Pixel Shift keeps the image moving imperceptibly, while our Always White technology combines with our Signal Pattern Process to eliminate electrically charged residual images.

Higher Brightness and Contrast Our new technology makes even higher brightness and contrast performance specifications possible, without sacrificing the life of the display.

Support

Industry-leading technical support and on-site warranty service are provided with your Samsung plasma monitor. Warranty is 2 years, parts and labor. On-site service is usually within two business days. Restrictions may apply.

Flexible Connectivity What do you need to display? What source are you displaying it from? Our plasma monitors give you the brightest, richest images from whatever source you need.



- a. RS232C (In/Out)
- b. DVI In
- c. Audio In
- d. RGB 1 (PC 1) In
- e. Component 2/RGB 2 (PC 2) In
- f. Video In
- g. Component 1 In
- h. Video Out
- i. Ext. Speaker (8)