

# PPM50M7H

## 50" High-Definition Plasma Monitor

SAMSUNG

- 1366 x 768 native resolution
- 10,000:1 contrast ratio
- 1,300 cd/m<sup>2</sup> brightness
- Exclusive DNle™ Pro image enhancement technology
- 549.8 billion colors, 13-bit processing
- Multiple burn-in prevention features
- Long, 60,000-hour lifespan
- Multi Display Control lets you control up to 10 units from a PC

*imagine* a big idea that loses nothing in the translation. All you have to do is communicate it with the Samsung PPM50M7H 50" High-Definition Plasma Monitor. Whether you choose to do that in a lobby, a retail setting or a conference room, it'll be sharp and clear with exclusive DNle™ Pro (Digital Natural Image enhancement) technology, 549.8 billion colors, a 10,000:1 contrast ratio and 1,300 nits brightness. Multiple anti burn-in technologies make sure your picture remains compelling for years to come. And you can control up to 10 monitors from a single PC. With the Samsung PPM50M7H, it's not hard to imagine.



# PPM50M7H



## 50" High-Definition Plasma Monitor

### Features

#### DNle™ Pro

The third generation of our DNle image-enhancement technology, it provides optimized motion display, natural color, increased contrast, increased brightness and stunning detail.

#### 549.8 Billion Colors

13-bit processing with 549.8 billion colors faithfully reproduces the most natural and subtle lighting.

#### 6-way Anti Burn-in Protection

An anti burn-in protection timer lets you choose protection mode, period and operation time.

#### Built-in Video Wall Processor

Bigger. Better. Connect several monitors to increase impact.

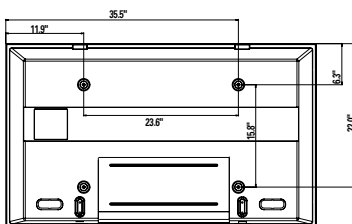
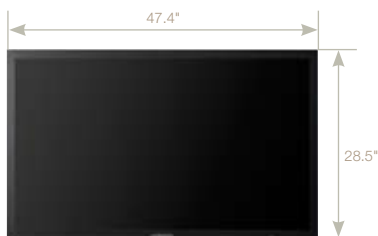
#### Multi Display Control (MDC)

Control up to 10 units from your PC. Just open supplied MDC software, list the units to be controlled, and click on the functions to display.

#### Vertical Image Capability

90° rotation allows vertical images or text.

### PPM50M7H Dimensions



| Specifications                 | PPM50M7H   |
|--------------------------------|--|
| Viewable Size                  | 50"  |
| Aspect Ratio                   | 16:9   |
| Resolution                     | 1366 x 768   |
| Pixel Pitch (H x V)            | 0.81 x 0.81 mm   |
| Video Signal Compatibility     | 480p/576p/720p/1080i   |
| Brightness (typical)           | 1,300 cd/m <sup>2</sup>  |
| Contrast Ratio (typical)       | 10,000:1   |
| Number of Colors Supported     | 549.8 billion (13-bit processing)  |
| Scanning Frequency             | Horizontal: 29.8 ~ 80 kHz, Vertical: 56 ~ 85 Hz  |
| Color System                   | PAL/SECAM/NTSC 3.58/NTSC 4.43  |
| Digital Comb Filter            | 3D Comb filter   |
| Color Tone                     | Normal/Cool 1/Cool 2/Warm 1/Warm 2   |
| Picture Mode                   | Dynamics/Standard/Movie/Custom   |
| Screen Mode                    | 16:9/Zoom 1/Zoom 2/14:9/4:3/Panorama   |
| Sound Effect                   | SRS TSXT   |
| Special Features               | DNle Pro<br>Burn-in protection (6 options)<br>Burn-in protection timing<br>Multi Display Control software<br>PIP (Picture-In-Picture)<br>PBP (Picture-By-Picture)<br>Digital zoom (4x)<br>Key lock and IR lock<br>Video wall (Up to 4 x 4)<br>Natural mode in video wall<br>RS-232 control<br>On/off timer<br>Vertical display |
| Input Terminals                | Composite Video - 1 x RCA<br>S-Video - 1 x 4-pin Din<br>CVBS<br>Component Video - 3 x RCA (Y/Pb/Pr)<br>RGB 1 - 1 x 15-pin D-Sub<br>RGB 2 - 5 x BNC (R/G/B/H/V)<br>DVI - 1 x 29-pin DVI<br>RS-232C - 1 x 9-pin D-Sub<br>Audio - 1 x mini jack and 2 sets RCA  |
| Output Terminals               | Composite Video - 1 x RCA<br>RGB 1 - 1 x 15-pin D-Sub<br>RS-232C - 1 x 9-pin D-Sub<br>Audio - 1 x RCA (L/R)<br>Speaker - External speaker jack   |
| Power Supply                   | 100 ~ 240V (50/60Hz)   |
| Power Consumption              | 480 watts  |
| Dimensions (W x H x D)         | 47.4" x 28.5" x 3.8" without stand   |
| Weight (set, without stand)    | 102.5 lbs  |
| VESA Compatible Mounting Holes | 600 x 400 mm   |
| Cabinet Color                  | Black  |
| Included Accessories           | Table-top stand, Remote controller, Batteries, VGA cable, Power cord, User manual  |
| Optional Accessories           | Stand: SMM4250, Horizontal Wall Mount: WMN4250D, 10W x 2 Speakers: PSN5032B  |
| Safety/Regulation              | FCC Class B, UL, CSA, CE(CB), CCC, BSMI, PSB, EK, GOST   |
| Operating Condition            | Temperature: 32 ~ 104°F, Humidity: 20 ~ 80% humidity, Altitude: 0 ~ 7540 ft  |
| Lifetime                       | 60,000 hrs   |



Product Information: 1-866-542-7214 [www.samsungforbusiness.com](http://www.samsungforbusiness.com)

Product Support: 1-800-SAMSUNG



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