

# PPM42M7H

## 42" High-Definition Plasma Monitor

SAMSUNG

- 10,000:1 contrast ratio
- 1024 x 768 native resolution
- 1,300 cd/m<sup>2</sup> brightness
- Exclusive DNle image enhancement technology
- 549.8 billion colors, 13-bit processing
- Multiple burn-in prevention features
- FCC Class B

**imagine** delivering information and entertainment in a singular way, even across a crowded room. The Samsung PPM42M7H 42" High-Definition Plasma Monitor does exactly that. Whether you're showing fashion videos in a retail location or live sports broadcasts in an airport lounge, your picture will be perfect. It's all thanks to exclusive Digital Natural Image enhancement (DNle™) technology. A 10,000:1 contrast ratio. 1,300 nits brightness. Plus multiple anti burn-in technologies give you years of worry-free clarity and sharpness. With the Samsung PPM42M7H, it's not hard to imagine.



# PPM42M7H



## 42" High-Definition Plasma Monitor

### Features

#### DNLe™

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 Types of Anti Burn-in Protection

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

#### Longer Lifespan

A display that is on for 6 hours a day can be used for the next 27 years (60,000 hours).

#### Built-in Video Wall Processor

Bigger. Better. Connect several monitors to increase impact.

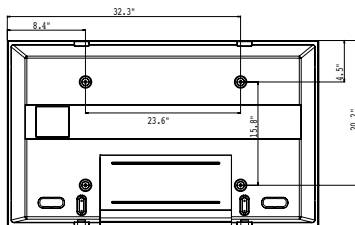
#### Multi Display Control (MDC)

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.

### Dimensions



Specifications	PPM42M7H
Viewable Size	42"
Aspect ratio	16:9
Resolution	1024 x 768
Pixel Pitch (H x V)	0.912 x 0.693
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 Burn-in protection (6 options) Burn-in protection timing Multi Display Control software PIP (Picture-In-Picture) PBP (Picture-By-Picture) Digital zoom (4x) Key lock and IR lock Video wall Natural mode in video wall RS-232 control On/off timer Vertical display
Input Terminals	Composite Video - 1 x RCA S-Video - 1 x 4-pin Din Component Video - 3 x RCA (Y/Pb/Pr) RGB 1 - 1 x 15-pin D-Sub RGB 2 - 5 x BNC (R/G/B/H/V) DVI - 1 x 29-pin DVI RS-232C - 1 x 9-pin D-Sub Audio - 1 x mini jack and 2 sets RCA
Output Terminals	Composite Video - 1 x RCA RGB 1 - 1 x 15-pin D-Sub RS-232C - 1 x 9-pin D-Sub Audio - 1 x RCA (L/R) Speaker - External speaker jack
Power Supply	100 ~ 250V (50/60Hz)
Power Consumption	380 watts
Dimensions (W x H x D)	40.4" x 26.9" x 14.3" (without stand: 40.4" x 24.8" x 3.8")
Weight (set, without stand)	76.05 lbs.
VESA Compatible Mounting Holes	600 x 400 mm
Cabinet Color	Black
Included Accessories	Table-top stand, Remote control, Power cord, User manual
Optional Accessories	Horizontal Wall Mount: WMN4250D, Stand: SMM4250, Speaker: PSM4232B
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 ~ 9842 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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