

PPM42M7H

42" High-Definition Plasma Monitor

SAMSUNG

- 10,000:1 contrast ratio
- 1024 x 768 native resolution
- 1,300 cd/m² 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.

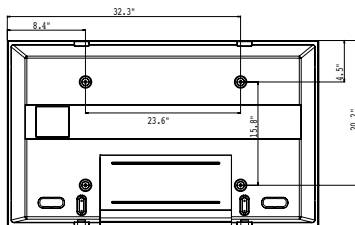
Multi Display Control (MDC)

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 ²
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

Product Support: 1-800-SAMSUNG



©2007 Samsung Electronics America, Inc. Samsung is a registered mark of Samsung Electronics Corp., Ltd. Specifications and design are subject to change without notice. See www.samsung.com for detailed information. Printed in USA. PPM42M7H10/07R1