



CMP4221U

42-Inch High Definition Professional Plasma Monitor

The CMP4221U represents the latest generation of Hitachi plasma panel development. The unit offers improved brightness and stunning image reproduction capabilities.

The design is optimized to offer a wide range of interface options and provide both HDMI and standard VGA analog computer interfaces.

The HDMI supports both internal audio and is equipped with a 3.5mm stereo mini jack for supporting external audio when DVI-to-HDMI support is required. The serial interface is a RS232C compliant and supports all current commercial control hardware. The remote control is optimized to support discrete commands and a minimum instruction set. The OSD offers a wide array of picture controls that include auto adjust features for PC operation.

- 1,024 x 1,024 Resolution
- HDMI Version 1.1 Support
- Independent H/V Scalers
- Advanced Color Control
- Improved Brightness
- Dual S-Video Inputs
- Dual Component Inputs
- Dual Composite Inputs
- Composite Output
- Discrete IR Inputs
- OSD Key Lock Function
- Sleep Timer
- Life Extension Modes
- RS232C Interface
- Universal Power Supply
- Optional Table Top Stand
- Optional Speakers
- Optional Wall Mount
- FCC Class B Compliant

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42-Inch High Definition Professional Plasma Monitor

The CMP4221U is designed to offer exceptional performance in both PC graphic and video applications. The unit uses an advanced multiple circuit interface that optimizes performance across a wide range of Industrial and professional audio/video environments. The HDMI interface with separate stereo interface assures support of DVI and HDMI standards. The independent horizontal and vertical scalers create the best possible scaling capability for image size. The universal power supply ensures that the unit is compliant to all standard power sources in both the industrial and commercial environments. The advanced image color filter allows accurate reproduction of virtually all PC and video images.

Specifications

General

Power Supply	AC 100-120V & 200-240V 50/60Hz
Power Consumption	340W typical (without audio input)
Dimensions (HxWxD)	25 1/16 x 40 9/16 x 3 9/16 in. 635 x 1030 x 91 mm

Weight	75 lbs. (34 kg)
Color	Black

Display Characteristics

Effective Display Area (WxH)	36 1/4 x 20 7/16 in. 920 x 518 mm
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Aspect Ratio	16:9
Pixel Count (HxV)	1,024 x 1,024
Pixel Pitch (HxV)	0.90 x 0.51 mm
Colors/Gray Levels	16.7 million (256 gray levels)
Brightness	1,400 cd/m2 (at panel before filter)
Viewing Angle	More than 160°

Signal Compatibility

Computer	The CMP4221U features a native resolution of 1,024 x 1,024. For this reason it is necessary to compress some high resolution images such as SXGA and UXGA
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Analog (PC) Input Terminals

Format/Frequency	R, G, B, H, V fh: 31~91KHz V: 56~85Hz (preset signal timings only)
Level/Impedance	R, G, B = 0.7Vp-p/75 ohms
Synchronization	H/V separate sync: TTL, H/V composite sync
TTL, G sync	0.3 Vp-p
Video Connector	D-Sub 15-pin x 1
Audio Connector	3.5mm stereo mini-jack x 1

HDMI (PC/HDTV) Input Terminals

Video Format	HDMI 1.1
Connector	HDMI

AV Input/Output Terminals

AV1/AV2 Inputs	
Video	S-Video x 1 & composite RCA x 1
Audio	RCA x 2
Video Format	NTSC/N-PAL
AV3/AV4 Inputs	
Video	Component RCA x 3
Audio	RCA x 2
Video Format	480i/p, 1080i/60, 720p/60
Control Terminal	D-Sub 9 pin x 1
AV Output	
Video	Composite RCA x 1
Audio	RCA x 2 and RCA x 1 Subwoofer
Video Format	NTSC

Environmental Conditions

Temperature	5~35°C / 41~95°F
Humidity	20~80% RH (non-condensation)
Operating	-2483 ~ 8858 feet
Storage	-2483 ~ 31912 feet

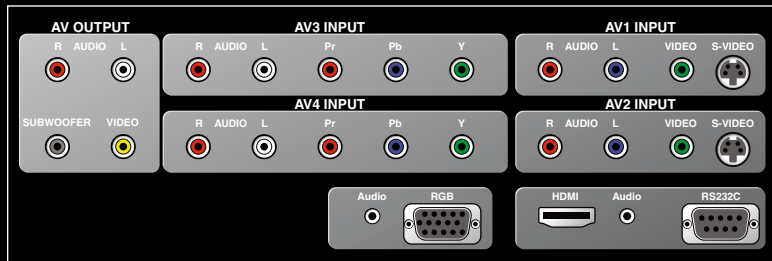
Regulations

Safety	No. 60065-03 UL60065:2003 CAN/CSA-C22.2
EMI	FCC Class B

All specifications and dimensions are subject to change without notice. Refer to www.hitachi.us/tv for updated custom installation specifications. © 2006, Hitachi Ltd.

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Optional floor stand CMPAD24



Optional side-mounted speakers CMPAS24



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