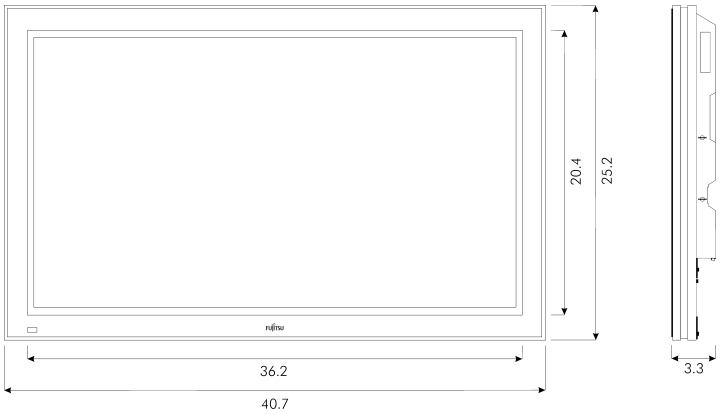
Advanced Video Movement and Increased Image Clarity



PDS-4241

Display Type	AC type plasma display panel
Screen Size	36.2” W x 20.4” H (42” diagonal)
Dimensions	40.7” W x 25.2” H x 3.3” D
Weight	63.5 lbs
Brightness	750 cd/m²
Pixel Count	1024 x 1024
Aspect Ratio	16:9
Displayable Colors	16.77 million colors
Contrast Ratio	500:1
Video Standards Supported	NTSC, PAL, SECAM, 3.58NTSC, 4.43NTSC, PAL-60, M-PAL, N-PAL
Video Inputs	S-video, Composite, Component
Computer Inputs	RGBHV, 15-pin, DVI-D
Viewing Angle	160 degrees
Horizontal kHz	15.62 - 80.00
Vertical Hz	50.0 - 120.0
Power Source	100 to 240V AC, 50/60 Hz
Power Consumption	370 Watts
External Control	RS-232C, IR
Operating Temperature	32F to 104F degrees
Relative Humidity	20 to 90 percent (not condensing)
EMC Regulations:	FCC part-15 Class A, ICES-003, Class A, AS/NZS3548 Class A
Safety Regulations:	UL 1950, CSA22.2 No. 950 (C-UL), EN 60950, IEC 60950

Specifications and design subject to change without notice for further improvement.

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AVM Ground-breaking Digital Video Processor

Fujitsu General has developed the AVM (Advanced Video Movement) digital video signal processor that virtually eliminates motion artifacts and flicker, improves vertical resolution and reproduces natural movement with ease.

The processor’s built-in line doubler converts NTSC signals and uses different types of processing for moving and still pictures, yielding smoother images with more natural movement and without visible scan lines.

High Definition Digital Multi-conversion System

Achieves high picture quality with the HDDMC (High Definition Digital Multi-conversion) system. Developed by Fujitsu General, HDDMC is the original system of converting a variety of input signals including component video and still PC images and optimizing them for the Plasmavision SlimScreen display monitor.

Adjust-To-Movement Mode

Enhances natural movement, improves vertical resolution and virtually eliminates flickering by processing and retaining fields within still and moving pictures.

Adjust-To-Film Mode

Allows film frames to be faithfully reproduced by automatically detecting pull-down cycles within video content.

Automatic Phase Adjustment

Automatically detects and adjusts horizontal signals using the newly developed digital PLL (Phase Lock Loop). This high precision automatic phase adjustment function achieves optimum display of PC signals.

Contour Emphasis Processing

Achieves the optimum display of component video input signals such as high definition and DVD through highly detailed digital signal processing.

www.plasmavision.com

Redefining the Future of Business Communications

PDS-4241

The Fujitsu PDS-4241 Plasmavision SlimScreen® monitor is truly the ultimate plasma display. It utilizes the latest generation of the company's proprietary ALiS (Alternate Lighting of Surfaces) technology, which discharges the electrodes in the plasma panel in a more efficient manner than conventional plasma monitors to achieve significantly higher brightness and definition, yielding extraordinary clarity, sharpness and color accuracy. Fujitsu's newly developed APLC (Advanced Peak Luminance Control) system provides improved contrast and brightness through advanced rib materials and phosphors for enhanced panel brightness to a remarkable 750 cd/m² without affecting product life.

The PDS-4241 incorporates a host of additional image-enhancing technologies for unsurpassed image quality. Built with the AVM advanced digital video signal processor, it virtually eliminates motion artifacts and flicker, improves vertical resolution and reproduces natural movement with ease. The processor's built-in line doubler converts NTSC signals using different methods of processing for moving and still pictures. The result is smoother images with more natural movement and without visible scan lines. HDTV and DVD signals are enhanced by the processor to achieve the optimum image for the plasma display.

Accepting the input from virtually any video source, the PDS-4241 is the perfect Convergent Visual Medium™ for numerous applications. It can display images in true 1080i and 720p HDTV as well as 480i and 480p SDTV signals, thanks to its improved 1024 x 1024 high-resolution pixel array. The PDS-4241 can also display the video output from a computer up to UXGA resolution, to display computer graphics with extraordinary clarity and color definition.

The PDS-4241 features an expanded complement of inputs including component video, S-video, composite video and analog RGB, plus a DVI-D digital RGB input and an RS-232 control port. The PDS-4241 boasts stereo audio outputs for optional speakers fed by its built-in 7 watt-per-channel stereo audio amplifier.

The PDS-4241 provides a greater range of picture adjustments, accessible via its improved on-screen menu and supplied remote control. The PDS-4241 features a restyled, lighter chassis for easier cable routing and requires lower power consumption, offering even greater installation flexibility in a wide variety of applications.

Advanced Features

Achieves high brightness and high contrast by the newly developed APLC (advanced peak luminance control) system.

Utilizes latest generation of Fujitsu's ALiS (Alternate Lighting of Surfaces) technology, achieving higher brightness, clarity, and color accuracy.

Produces clearer, sharper, flicker-free images through newly adapted AVM digital video signal processor, yielding smoother images for natural movement and virtually eliminates flickering.

Includes various functions such as input signal priority function, power saving mode, screen orbiter and direct access keys on the bottom of the display.

Allows for complete convergence with an expanded complement of input terminals for component video, S-video, composite video and analog RGB, RS-232 control port, plus a DVI-D digital RGB input for commercial video process monitoring.

Utilizes the newly developed TERES (Technology of Reciprocal Sustainer) circuit technology, featuring a panel-driving method requiring only half the voltage of conventional models.

Options

Desktop Stand
P-42TT29-H

Wall Mounting Bracket
Horizontal or vertical mounting
P-42WB12-B

Ceiling Mount Bracket
0 to 15-degree angle
P-42CT11-B

Speakers
P-42SP11-H