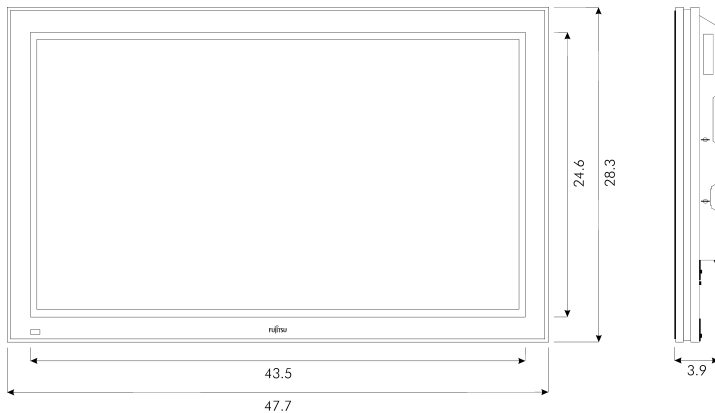


# Advanced Video Movement and Increased Image Clarity



## PDS-5001

Display Type	AC type plasma display panel
Screen Size	45" W x 25.9" H (50" diagonal)
Dimensions	47.7" W x 28.3" H x 3.9" D
Weight	99.2 lbs
Brightness	500 cd/m <sup>2</sup>
Pixel Count	1366 x 768
Aspect Ratio	16:9
Displayable Colors	16.77 million colors
Contrast Ratio	3000:1
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	510 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-5001

The Fujitsu PDS-5001 Plasmavision SlimScreen® monitor is truly the ultimate plasma display. With an amazing contrast ratio of 3000:1 and brightness of 500 cd/m<sup>2</sup>, the PDS-5001 can be used in a variety of applications, regardless of room brightness. Just 3.9 inches thin and weighing a mere 99 pounds, the PDS-5001 removes virtually all installation and aesthetic barriers from visual display sources.

Fujitsu General's strength lies in the electronics incorporated in each of the plasma display panels produced. In addition to holding hundreds of patents on the glass technology, Fujitsu also has over 300 patents pending for the electronic circuitry used to drive the glass substrate. This is what separates Fujitsu from the competition. Our new one-chip digital video processor 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-5001 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, with its 1366 x 768 high-resolution pixel array. The PDS-5001 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-5001 features an expanded complement of inputs including component video, S-video, composite video, analog RGB, DVI-D digital RGB, and an RS-232 control port.

The PDS-5001 provides a greater range of picture adjustments, accessible via its easy to use on-screen menu and supplied remote control. The slim and light-weight chassis of the PDS-5001 offers installation flexibility in a wide variety of applications.

## Advanced Features

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 direct setting for the input signal priority, power saving mode, and screen orbiter.

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.

## Options

### Desktop Stand

P-50TT01-H

### Wall Mounting Bracket

Horizontal or vertical mounting

P-50WB01-B

### Ceiling Mount Bracket

P-50CT01-B