

# SDM-S81 and SDM-S81/B

Flat Panel Computer Display

SONY



Technologically advanced  
Flat Panel LCD display  
provides superb images  
with outstanding on-screen  
colors, all in a sleek,  
space-saving design.

- *18.0" Flat Panel* - TFT Active Matrix LCD technology combined with anti-glare coating provides flicker free images and reduces eyestrain.
- *Slim Styling* - Slim design maximizes desktop space, adding efficiency and style to the home or office.
- *Adjustable Pivot Stand* - Adjusts to numerous positions to provide optimal viewing angle and maximum comfort.
- *Automatic Image Adjustment* - Sony's Auto ImageSet™ and Digital FlexRes™ technologies maximize performance with automatic adjustments of video images at multiple resolutions.
- *Zero Footprint™ design* - Tilt base can be removed to provide arm or wall mounting options.



**Flat Panel LCD**  
The definition of definition™

# SDM-S81 and SDM-S81/B

Flat Panel Computer Display

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<b>Model</b>	SDM-S81 and SDM-S81/B
<b>Color</b>	Two Tone Gray (SDM-S81) Black (SDM-S81/B)

<b>Viewable Image Size</b>	Diagonal 18.0" Horizontal 14.1" Vertical 11.2"
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<b>LCD Panel</b>	
LCD Type	a-Si TFT Active Matrix
Color Filters	RGB Vertical Stripes
Pixel Pitch	.279 mm
Screen Treatment	Anti-Glare/Hard Coating
Colors	16.78 Million (approx.)

<b>Native Resolution</b>	1280 x 1024
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<b>Luminance</b>	200 cd/m <sup>2</sup>
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<b>Contrast Ratio</b>	400:1
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<b>Viewing Angle</b>	
Horizontal	160
Vertical	160

<b>Scan Range</b>	
Horizontal	28kHz - 92kHz
Vertical	48Hz - 85Hz

<b>Preset Timings</b>	
Factory	22
User Adj	18

<b>Response Time</b>	
Rise Time	20 ms
Fall Time	10 ms

<b>Color Temperature Presets</b>	
	5000, 6500, 9300 (default) Kelvin user adjustable 5000K-11000K

<b>Video Signal Inputs</b>	
Video Input	Analog RGB 0.7 Vp-p ± 5%, Positive, 75 ohms (typ)
Sync Input	Separate HD/VD TTL, Polarity Free Polarity free, Ext. Composite
Sync on Grn	0.3 Vp-p ± 10%, Negative

<b>Input Connectors</b>	
	D-sub HD15

<b>Display Dimensions (WxHxD)</b>	
	17.3" x 17.1" x 8.7" 17.3" x 14.8" x 2.4" (without stand)

<b>Display Weight</b>	15.0 lbs.
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<b>Power Requirements</b>	100-240V AC, 50/60Hz
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<b>Power Management:</b>	
Normal Operation	50W max.
Active Off	3W max.
Power Off	3W max.

<b>Regulation and Standard Compliance</b>	
Safety Regulations:	UL1950, CSA C22.2 No.950 EN60950, CPA (SISAR) Hong Kong, CB IEC60950 EMKO's, ISO 13406-2, ISO 9241-3,7,8
Human Factor:	EN55022/55024
CE mark:	EN61000-3-2/-3
EMI	FCC Class B IC Class B AS/NZS (C-Tick)
ELF/VLF	MPR-II (TUV Ergonomic Mark) TCO 99 (SDM-S81) TCO 95 (SDM-S81/B)
Power Management Designed for	International Energy Star PC99, Windows® 95,98,2000 Windows NT®, Windows XP® Macintosh® Compatible

<b>Plug and Play</b>	DDC-2B
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<b>Tilt Range</b>	-5° to +30°
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<b>Front Panel User Controls</b>	
Power Switch	On/Off
Menu Button	Enter/Exit On Screen Menu
Contrast Button	Select Contrast Menu
Brightness Button	Select Brightness Menu

<b>On Screen Display Controls</b>	
	Phase, Pitch, Image Center, Zoom Color Temperature, Gamma, Backlight Control Option (OSD Position) Power Saving Delay Multi-Language (Eng., Fre., Spa., Ital., Ger., Jap.) Menu Lock, Reset, Smoothing

<b>Operating Conditions</b>	
Temperature:	41° to 95° F (5° to 35° C)
Relative Humidity:	10% to 80% (Non-Condensing)

<b>Storage Conditions</b>	
Temperature:	-4° to 140° F (-20° to 60° C)
Relative Humidity:	5% to 95% (Non-Condensing)

<b>Supplied Accessories</b>	
	AC adapter, AC Power Cord User's Manual (Eng., Fre., Spa., Ital., Ger.) Windows® Monitor Information Disk/Utility Disk Macintosh® Utility Disk HD15 Video Signal Cable Warranty Card

<b>Limited Warranty</b>	Parts, Labor and Backlight: 3 years
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# SONY

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Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This display is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of non-Sony products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance.

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This monitor is Energy Star Compliant when used with a computer equipped with VESA Display Power Management Signaling (DPMS). As an International Energy Star Partner, Sony Corporation has determined that this product meets the International Energy Star Program for energy efficiency. The Energy Star emblem does not represent EPA endorsement of any product or service. Screen images are simulated.