

1) General Description

1-1) Overview

S293P1 is a 29.3" Super wide TFT LCD monitor with high brightness LED Backlight. The monitor supports 1920x718 (aspect ratio = 16:6) format and can display 16.7M colors (8-bit/color) .The monitor supports two active video inputs with the following connector support – VGA for analog and DVI-D for Digital.

1-2) Display Features

Items	Specification	Unit	Note
Screen Size	29.3"	inch	diagonal
Dimension Outline	736.6 (W)x 295.3 (H)x 45.1(D)	mm	
Active Area	698.4 (W) x 261.1725 (H)	mm	
Pixel Number	1920xR.G.Bx718	pixel	
Pixel Pitch	0.36375 x 0.36375	mm	
Pixel Arrangement	R.G.B Vertical Stripe	-	
Display Colors	8 bit – 16.7M	color	
Brightness	550 (Typical)	cd/m ²	Center (500 Min.)
Contrast Ratio	5000 : 1	-	
White Variation(δW)	1.3		Max.
View angle(CR>20)	176	degree	
Display Mode	Transmissive mode	-	Normally Black
Color Chromaticity	Wx:0.255±0.03 Wy:0.268±0.03		
Panel Response Time	6.5	ms	typical (Gray to gray average)
Weight	6.2	kg	
Surface Treatment	HTY Pol, Haze <3.5%	-	
Backlight Technology	Single Edge LED		
LED Life Time	50000	hrs	Min.

1-3) Electrical Features

Item		Specification	Note
VGA	Input System	RGB Separate with Separate sync	-
	Signal Level	Analog RGB (0.7V _{P-P})	
	Separate Sync.	TTL Level	
	Horizontal Sync.	Positive / Negative	-
	Vertical Sync.	Positive / Negative	-
	Input Connector	D-Sub 15 pins	-
	Input Impedance	Analog RGB =75Ω	-
	Compliant Timing	See preset timing	-
	Bandwidth	Up to 162 MHz	-
DVI-D	Compliance	DVI-D / HDMI 1.2 with HDCP	-
	Input Signal	TMDS	-
	Input Impedance	100Ω (pair)	-
	Compliant Timing	See preset timing	-
	Input Connector	DVI-D	-
	Bandwidth	Up to 162 MHz	-
Display	Auto Adjust	Frequency, Phase, H Position & V Position	-
	Screen Scaling	Zoom in / Zoom out / Top / Middle / Bottom Mode	(1),(2)
	Color Temperature	User Adj.	-
	OSD Language	English / 繁體中文 / 简体中文	-
Power source	Power Input	AC 100~240 V	-
	Power Output	DC 24V / 5A	-
Power Consumption	ON	60 Watt (Typical)	<65 Watt
	OFF	3 Watt (Typical)	<5 Watt
DDC	Plug & Play	DDC 2B Compliance	-
Operation Interface	Keypad	7 keys	-
		Power / Source / Menu / Up / Down / Left / Right	
Status Indictors	LEDx1	On(Blue) / Off (Orange)	-

Note(1) Zoom out mode support up to 110MHz Signal Input, over the limit the image maybe abnormal display.

Note(2) Zoom in mode only support DVI(HDMI Mode).

2)Mechanical Characteristics

