

19-inch Color LCD

Codename: **Aspen**

Image Size:

376 mm Horizontal

301 mm Vertical

481 mm Diagonal

Mode	Pixel Resolution	Horizontal Frequency	Vertical Frequency	Pixel Frequency
I	1280 × 1024	63.98KHz	60.01Hz	108.0MHz
II	1280 × 1024	81.13KHz	76.11Hz	135.0MHz
III	1152 × 900	61.84KHz	66.00Hz	94.5MHz
IV	1280 × 1024	79.97KHz	75.02Hz	135.0MHz
	640 × 480	37.50KHz	75.00Hz	31.5MHz
	640 × 480	37.86KHz	72.80Hz	31.5MHz
	800 × 600	35.15KHz	56.25Hz	36.0MHz
	800 × 600	37.87KHz	60.31Hz	40.0MHz
	800 × 600	46.87KHz	75.00Hz	49.5MHz
	800 × 600	48.07KHz	72.18Hz	50.0MHz
	1024 × 768	48.36KHz	60.00Hz	65.0MHz
	1024 × 768	56.47KHz	70.06Hz	75.00MHz
	1024 × 768	60.02KHz	75.02Hz	78.7MHz
	1152 × 900	71.81KHz	76.15Hz	108.0MHz

PART #	DESCRIPTION
	Samsung GH19PS
365-1420 [C]	LCD Flat Panel, Option X7144A
530-2494 [C]	● HD15 to HD15 Analog Video Cable, 1.8M
530-3131 [C]	● DVI-D to DVI-D Digital Video Cable, 3.0M

HD15 Female Connector

PIN	SIGNAL	PIN	SIGNAL	PIN	SIGNAL
1	Red	6	Red Ground	11	Ground
2	Green	7	Green Ground	12	DDC Data I/O
3	Blue	8	Blue Ground	13	Horizontal Sync
4	Not Used	9	Not Used	14	Vertical Sync
5	DDC Ground	10	Sync Ground	15	DDC Clock

DVI-D Female Connector

PIN	SIGNAL	PIN	SIGNAL	PIN	SIGNAL
1	TMDS Data 2-	11	Data 1/3 Shield	21	TMDS Data 5+
2	TMDS Data 2+	12	TMDS Data 3-	22	TMDS Clock Shield
3	Data 2/4 Shield	13	TMDS Data 3+	23	TMDS Clock+
4	TMDS Data 4-	14	+5V Power	24	TMDS Clock-

5	TMDS Data 4+	15	Ground	C1	Not Connected
6	DDC Clock	16	Hot Plug Detect	C2	Not Connected
7	DDC Data	17	TMDS Data 0-	C3	Not Connected
8	Not Connected	18	TMDS Data 0+	C4	Not Connected
9	TMDS Data 1-	19	Data 0/5 Shield	C5	Not Connected
10	TMDS Data 1+	20	TMDS Data 5-		