


**37.0" WXGA LCD Monitor**


This 37" flat panel display is designed to be placed in a variety of public information, industrial and process control environments requiring a large tabletop display that supports resolutions from VGA to WXGA, HDTV 1080 (1920x1080), and NTSC/PAL video. The display is auto sync compatible with most PC's video standards, and can be integrated into a wide variety of industrial control and man-machine interface applications.

**SPECIFICATIONS**

**Display Size**

37.0 Inch

**Panel Type**

TFT Active

**Resolution Capabilities**

1920X1080

VGA to WXGA

**Pixel Format**
640x480, 800x600, 1024x768,  
1280 x 1024, 1366x768, 1920x1080\*
**Pixel Pitch**

.4275 mm (w) x .4275 mm (h)

**Viewing Angle**

Horizontal: 176°

Vertical: 176°

**Active Display Area**

32.32" (w) x 18.18"(h)

820.8 mm x 461.7 mm

**Contrast Ratio**

800:1 Typical

**Brightness**

550 Nits Typical

**Backlight**

40,000 Hours Typical

**Colors Supported**

16.7 M (8-bit color)

**Input Connectors**
D-Sub 15 pins, DVI-D 24 pins, S-Video,  
Component Composite, RS-232
**Video Input**

0.7Vp-p / 75 ohm, Digital

NTSC/PAL

**Sync**

TTL Separate H&amp;V

**Power Source**

100-240 VAC

**Power Consumption**

190 Watts

15 Watts Sleep Mode

**Temperature**

Operating: 5° to 40°C

Storage: -20° to 60°C

**Humidity**

Operating: 5 to 90% NC

Storage: 5 to 95% NC

**Altitude**

Operating: up to 10,000 ft.

Storage: up to 40,000 ft.

**Shock**

50g maximum

**Vibration**

1g maximum

**Response Time**

12ms typical

16ms maximum

**Dimensions (Actual)**

35.95" (w) x 21.81" (h) x 3.27"(d)

913.2mm x 554.0mm x 83.14mm

**Weight (Actual)**

44.09lbs / 20kg

**Standards**

UL, CE, TUV, FCC Cert.

**FEATURES**

- ◆ Bright Active Matrix TFT Display
- ◆ HDTV (1920 x 1080) resolution
- ◆ Digital or Analog Interface
- ◆ Wide Viewing Angles
- ◆ 550 nits Brightness
- ◆ Multiple Video Input Selections
- ◆ Aspect Ratio: 16:9

\*Supports all VESA standard video formats

**CONTACT**
**HEADQUARTERS**

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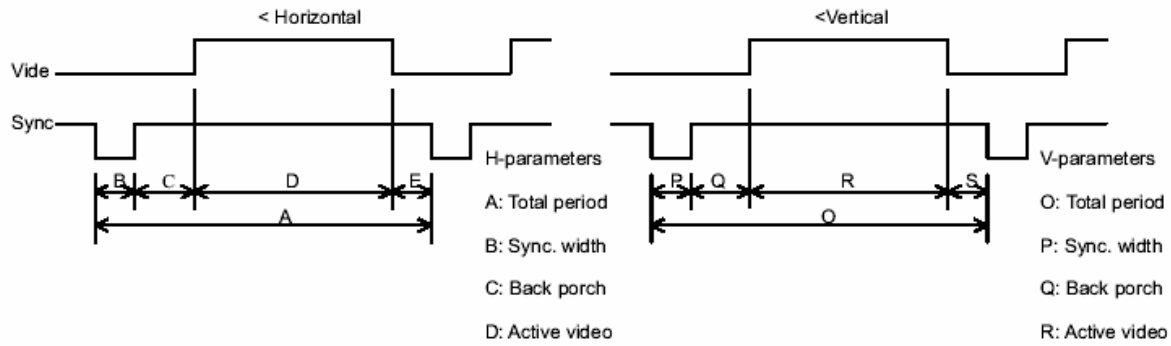
www.vartechsystems.com

**OPTIONS**

- 200mm/200mm VESA Mounting
- Table Stand



**COMPLIANT TIMING**



Item	Video Mode		fH (kHz)	fV (Hz)	Dot clock (MHz)	Sync polarity		Horizontal (dot)					Vertical (line)					Analog	Digital (Optional)	
						H	V	A	B	C	D	E	O	P	Q	R	S			
1	VESA	VGA 640x480	31.469	59.940	25.175	N	N	800	96	48	640	16	526	2	33	480	11	O	O	
2			37.861	72.809	31.500	N	N	832	40	128	640	24	520	3	28	480	9	O	O	
3			37.500	75.000	31.500	N	N	840	64	120	640	16	500	3	16	480	1	O	O	
4		SVGA 800x600	35.156	56.250	36.000	P	P	1024	72	128	800	24	625	2	22	600	1	O	-	
5			37.879	60.317	40.000	P	P	1056	128	88	800	40	628	4	23	600	1	O	O	
6			48.077	72.188	50.000	P	P	1040	120	64	800	56	666	6	23	600	37	O	O	
7			46.875	75.000	49.500	P	P	1056	80	160	800	16	625	3	21	600	1	O	O	
8		XGA 1024x768	48.363	60.004	65.000	N	N	1344	136	160	1024	24	806	6	29	768	3	O	O	
9			56.476	70.069	75.000	N	N	1328	136	144	1024	24	806	6	29	768	3	O	O	
10			60.023	75.029	78.750	P	P	1312	96	176	1024	16	800	3	28	768	1	O	O	
11		SXGA	1152x864	67.500	75.000	108.000	P	P	1600	128	256	1152	64	900	3	32	864	1	O	O
12			1280x1024	63.981	60.020	108.000	P	P	1688	112	248	1280	48	1066	3	38	1024	1	O	O
13				79.976	75.025	135.000	P	P	1688	144	248	1280	16	1066	3	38	1024	1	O	-
14	VGA TEXT	720x400	31.469	70.087	28.322	N	P	900	108	45	720	27	449	2	35	400	12	O	O	
15	Macintosh	640x480	35.000	66.667	30.240	N	N	864	64	96	640	64	525	3	39	480	3	O	-	
16		832x624	49.725	74.500	57.283	N	N	1152	64	224	832	32	667	3	39	624	1	O	-	
17		1024x768	60.150	74.720	80.000	N	N	1330	96	168	1024	42	805	3	31	768	3	O	-	

Item	Video Mode		fH (kHz)	fV (Hz)	Dot clock (MHz)
18	NTSC	NTSC 358-443	15.734	59.94	16.521
19	PAL	PAL SECAM	15.625	50.00	16.406