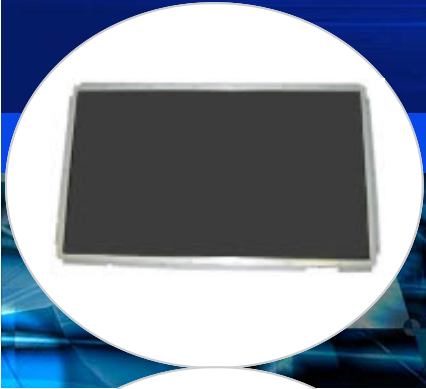




## 37.0" WXGA Console LCD Monitor



This 37" console flat panel display is designed to be placed in a variety of public information, industrial and process control environments requiring a large console display that supports resolutions from VGA to WXGA, True HDTV 1080p (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

### FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ True HDTV (1920 x 1080) resolution, 1080p
- ◆ Digital or Analog Interface
- ◆ Wide Viewing Angles
- ◆ 550 nits (cd/m<sup>2</sup>) Brightness
- ◆ Multiple Video Input Selections
- ◆ Aspect Ratio: 16:9

\*Supports all VESA standard video formats

#### Display Size

37.0 Inch

#### Panel Type

TFT Active

#### Resolution Capabilities

1920X1080, **1080p**

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 (cd/m<sup>2</sup>) 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&V

#### Power Source

100-240 VAC

#### Power Consumption

190 Watts

15 Watts Sleep Mode

#### Temperature

Operating: 5° to 40°C (41° to 104°F)

Storage: -20° to 60°C (-4° to 140°F)

#### 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)

#### Weight (Actual)

#### Standards

UL, CE, TUV, FCC Cert.

#### Warranty

1 year

### CONTACT

#### HEADQUARTERS

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Baton Rouge, Louisiana 70809

Phone 800.223.8050

International

001.225.298.0300

Fax 225.297.2440

#### E-mail

sales@vartechsystems.com

#### Website

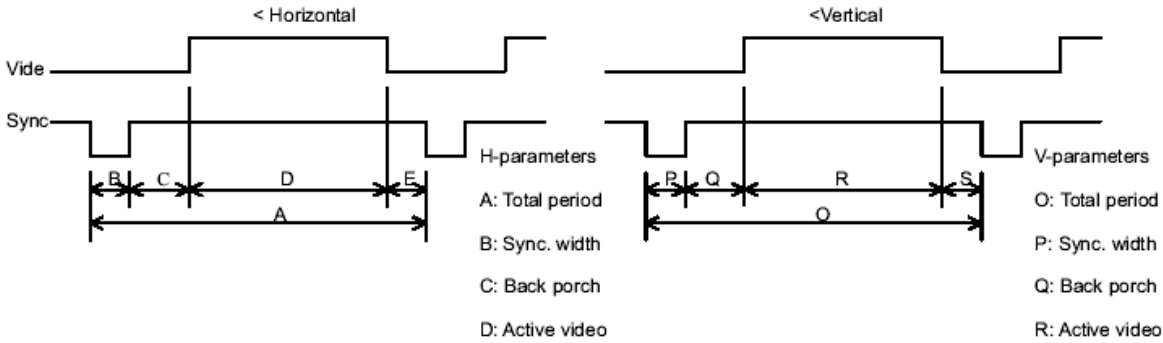
www.vartechsystems.com

## OPTIONS

- 2 year warranty (1 year warranty comes standard)



**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