

VT470W

Solutions for Demanding Applications



VARTECH
SYSTEMS INC.

47.0" WXGA Tabletop LCD Monitor



This 47" 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

47.0 Inch

Panel Type

TFT Active

Resolution Capabilities

1920X1080

VGA to WXGA

Pixel Format

640x480, 800x600, 1024x768,
1280 x 1024, 1366x768, 1920x1080*

Pixel Pitch

.543 mm (w) x .543 mm (h)

Viewing Angle

Horizontal: 176°

Vertical: 176°

Active Display Area

41.05" (w) x 23.09" (h)
1042.56 mm x 586.44 mm

Contrast Ratio

1000:1 Typical

Brightness

600 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&V

Power Source

100-240 VAC

Power Consumption

300 Watts

20 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

8ms typical

12ms maximum

Dimensions (Actual)

45.31" (w) x 27.35" (h) x 4.98" (d)

1150.89mm x 694.80mm x 126.54mm

Weight (Actual)

99.23lbs / 45kg

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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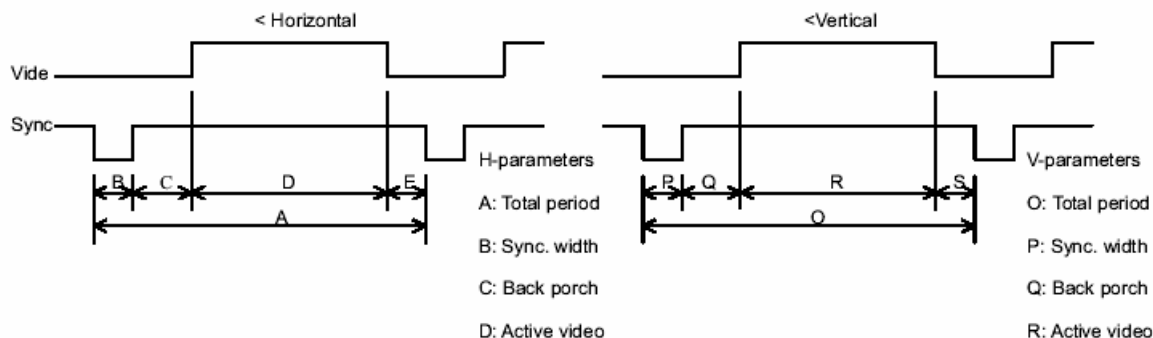
OPTIONS

- 200mm/200mm VESA Mounting
- Table Stand

www.vartechsystems.com



COMPLIANT TIMING



Item	Video Mode		fH (kHz)	fV (Hz)	Dot clock (MHz)	Sync polarity		Horizontal (dot)					Vertical (line)					Analog	Digital (Optional)
								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	67.500	75.000	108.000	P	P	1600	128	256	1152	64	900	3	32	864	1	O	O
12			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	