

# VT520M

Solutions for Demanding Applications



**VARTECH**  
SYSTEMS INC.

## 52.0" 1080p High Def Tabletop Rugged LCD

This 52" flat panel display is designed to be placed in a variety of public information, industrial and process control environments requiring a large VESA mount LCD that supports resolutions from VGA to 1080p High Definition. 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
- ◆ Digital or Analog Interface
- ◆ Wide Viewing Angles
- ◆ 500 nits Brightness
- ◆ Multiple Video Input Selections
- ◆ Aspect Ratio: 16:9
- ◆ PIP, PAP, Zoom
- ◆ Fanless Design
- ◆ Source Auto Detect
- ◆ Optional Touch Screen

**Display Size**

52.0 Inch

**Panel Type**

TFT Active

**Resolution**

1920 x 1080 pixels

**Input Resolution**

1920 x 1080 @ 60HZ (Analog and Digital)

**Frequency**

Horizontal: 30K to 90KHz  
Vertical: 56 ~ 75Hz

**DDC**

DDC 2B

**OSD Control**

RS232C, Push button,  
IR Remote Controller

**OSD Language**

English, Japanese, Chinese

**Viewing Angle**

Horizontal: 176°  
Vertical: 176°

**Contrast Ratio**

1500:1 Typical

**Brightness**

500 Nits Typical

**Colors Supported**

16.7 M

**Input Connectors**

DVI, VGA, S-Video,  
Component, AV

**Optional:** HD-SDi BNC and /or Audio

**Communication Port**

D-Sub 9 Pin, RJ145 In/Out  
(Transport Protocol - RS-232, RS-485 I/O)

**Power Source**

100-240 VAC (50/60Hz) Universal

**Temperature**

Operating: 5° to 40°C

Storage: -20° to 60°C

**Humidity**

Operating: 85%RH

Storage: 85%RH

**Response Time**

6.5ms (GTG)

**Dimensions with Stand**

1269mm x 819mm x 299.15mm (WxHxD)

**VESA Mount**

200mm x 200mm / 200mm x 600mm

**Multimedia**

PIP, PAP, Zoom

**Fanless Design**

Yes

**Source Auto Detect**

Yes

**Warranty**

2 year

**Optional Touch Screen**

**Technology:** Optical Imaging

**Method:** Finger, gloved hand, or any other pointer

**Reported Touch Resolution:**

32767 x 32767

**Response Time:** 8~20ms

Interface: USB 1.1 (full speed), HID compliant plug-and-play compatible

**Touch Calibration:** 4 point Calibration (requires no software), Automatic landscape orientation

**Touch Activation Force:** No Pressure Required

**Operating Systems:** Windows 2000/XP, Mac OS, Linux

### CONTACT

**HEADQUARTERS**

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## OPTIONS

- Protective Surface - 4mm (AG/AR), Tempered Glass
- Table Stand
- Optical Touch Screen
- VBOND Optical bonding for sunlight readability
- Conformal coating to all internal system circuit boards
- -20°C Operational Temperature
- Audio Amplifier - In \*1 , Out \*1
- HD-SDI / SDi - In \*1 , Out \*1

[www.vartechsystems.com](http://www.vartechsystems.com)