



### 55" Full-HD 1080p Industrial Grade VESA Mount LCD Monitor



A stunning large scale Full-HD Industrial-grade display designed for demanding applications. This 55" 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. This system features true color experience with customized Gamma settings, excellent dynamic motion enhancement with fast refresh rate and flexible bezel design.

### SPECIFICATIONS

**Display Size**

55.0"

**Panel Type**

TFT Active Matrix

**Native Resolution**

1920 x 1080 (16:9)

**Active Display Area**

1214.6 mm (w) x 685.4 mm (h)

**Viewing Angle**

H: 176° / V: 176°

**Contrast Ratio**

4000:1

**Brightness**

500 nits (cd/m<sup>2</sup>)

**Response Time**

4.5 ms

**Colors**

1G

**Display Frame Rate**

120 Hz

**Horizontal / Vertical Frequency**

30 ~ 90 KHz / 56 ~ 75 Hz

**Connector**

HDMI 1.3c x 4 / Component x 2 / Video x 2 / S-video / VGA / S-PDIF / RS232 / External speaker out

**Video Support**

480i / 480p / 720p / 1080i / 1080p

**RGB Support**

VGA / XGA / SVGA / SXGA / WXGA / UXGA / WSXGA / WUXA

**Communication Port (Transport Protocol)**

D-Sub 9 Pin In, RJ45 In/Out (RS232C In, RS-485 In/Out)

**Dimensions w/o Stand (WxHxD)**

1310.6 x 781.4 x 141 mm / 51.60" x 30.76" x 5.55"

**Weight**

Net: 50 kg / 110.23 lb; Gross: 60 kg / 132.28 lb

**Wall Mount**

200 mm x 400 mm / 400 mm x 600 mm VESA

**OSD Control Function**

RS232C, IR Remote Controller

**OSD Language Function**

English, Chinese

**Multimedia Function**

PIP, PBP, Zoom

**Source Auto Detect Function**

Yes

**Power Supply**

AC 100V ~ 240V (50/60 Hz)

**Power Consumption (normal operation)**

300W

**Temperature**

Operating: 0°C - 40°C, 85% RH / Storage: -20°C - 60°C, 85% RH

**Approximate Shipping Dimensions and Weight**

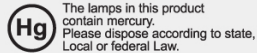
62" x 36" x 51" (W x L x H) / 180 lbs.

### OPTIONS

- Tempered Glass Protective Surface
- 4Ω 10W X 2 Sets Speakers
- 200 mm / 400 mm Stand (pair)
- Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- Extended Operational Temperature -20°C
- Private Label for OEM/VAR Applications

### FEATURES

- ◆ Superior Resolution  
Full-HD 1080p (1920 x 1080)
- ◆ Ultra-Wide Viewing Angle  
176 degree viewing angle
- ◆ True Color Experience  
10 bit color level, supported 1G colors  
72% NTSC high color saturation
- ◆ Dynamic Motion Enhancement  
120 Hz frame rate, 4.5 ms LCD response time
- ◆ Advanced Connectivity  
HDMI 1.3c x 4 Inputs with HDCP S-PDIF digital audio output RS232 communication port
- ◆ Image Noise Reduction Technology  
Dynamic noise reduction, MPEG noise reduction
- ◆ Customized Image Calibration  
Supports customized color calibration
- ◆ Integrated with advanced technology to aid in preventing image retention



### CONTACT

**HEADQUARTERS**

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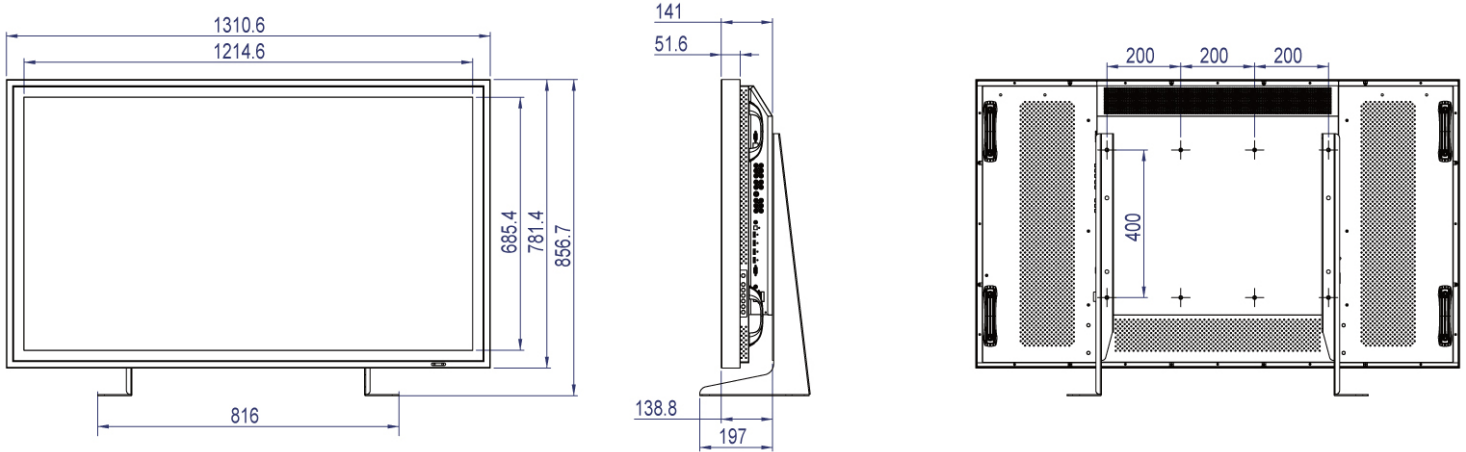
**E-mail**

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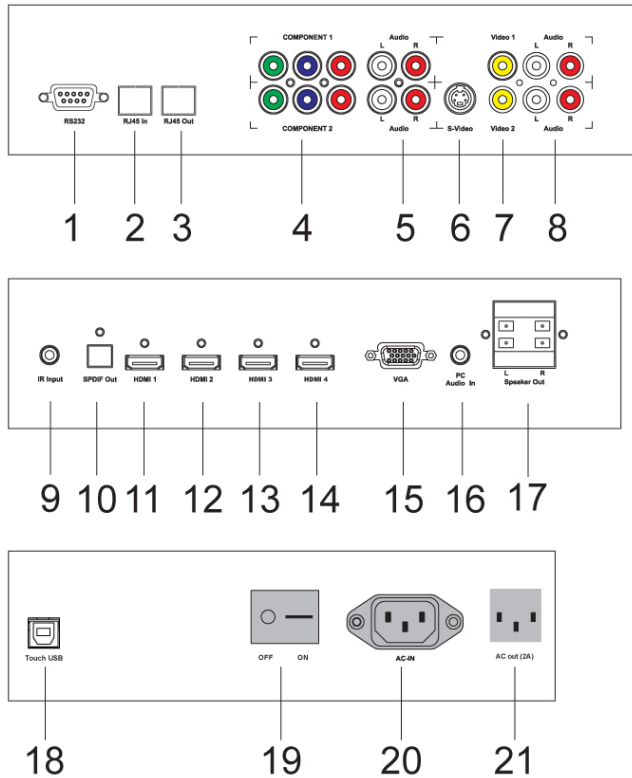
**Website**

www.vartechsystems.com

# Mechanical Drawing



# Interface



1. RS232
2. RJ45 In
3. RJ45 Out
4. Component
5. Audio
6. S-Video
7. Video
8. Audio
9. IR Input
10. S-PDIF Out
11. HDMI 1 Connector
12. HDMI 2 Connector
13. HDMI 3 Connector
14. HDMI 4 Connector
15. VGA
16. PC Audio In
17. Speaker Out
18. Touch USB (option)
19. Power Switch
20. AC-IN Connector
21. AC-out (2A) (option)

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- Optical specifications without glass.
- Weight and dimensions are approximate. Specifications and design are subject to change without notice. This product may be subject to export control regulations.