

# VT20A-R

ISO  
9001:2008  
REGISTERED



**VARTECH**  
SYSTEMS INC.

Solutions for Demanding Applications

## 20" High Resolution Rack Mount



The VT20A-R is a rugged, industrial rack mount display designed to operate with non-standard or standard video display devices. This reliable display will replace many control room and factory floor monitors designed in the early to mid 1980's built by the major process control manufacturers. This display will also interface to standard VGA/SVGA video formats.

### SPECIFICATIONS

#### FEATURES

- ◆ Auto Sync 15 to 50kHz
- ◆ .31mm Super-Fine Dot Pitch
- ◆ 5BNC, HD15
- ◆ Sync On Green Operation
- ◆ VGA to SVGA
- ◆ Optional Infra-Red, Capacitive, Resistive
- ◆ Optional DB9 for CGA/EGA

#### Picture Tube

.31mm Fine Pitch CRT with AGRAS coating

#### Video Bandwidth

90MHz

#### Resolution Capabilities

VGA to SVGA

#### Scanning Frequency

Horizontal: 15 to 50kHz  
Vertical : 45 to 100Hz

#### Visible Display Area

15.39" x 11.42"  
390.91mm x 290.07mm

#### Operator Controls (Front)

Power and screen Adjustment

#### Degauss

Manual

#### Video Input Signal

Analog Video .7 Vp-p @ 75 ohm (positive)

#### Sync Input Signal

Separate or Composite Sync: TTL pos. or neg.  
Sync on Green (SOG): 0.3 Vp-p negative

#### Video Input Connectors

5BNC, HD15(F)

#### Optional:

DB9 for CGA/EGA

#### Power Source

90 to 264 V AC universal

#### Line Frequency

50/60Hz

#### Power Consumption

130 Watts  
30 Watt standby;  
15 Watt suspend mode

#### Temperature

Operating: 0 to 50°C  
Non-Operating: -20 to 60°C

#### Relative Humidity

Operating 10 to 90%NC  
Non-operating 10 to 90%NC

#### Dimensions

19" (w) x 17.5" (h) x 21.16" (d)  
482.60mm x 444.50mm x 537.46mm

#### Weight

67 lbs / 30.45 kg

#### Agency Approvals

DHHS, FCCA, CE

#### Warranty

1 Years

#### Touchscreen

#### Optional:

Capacitive, Resistive or Infra-Red

#### CONTACT

##### HEADQUARTERS

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### OPTIONS

- Infra-Red
- Capacitive Touch
- Resistive Touch
- Rack Slides
- DB9 for CGA/EGA