



## 20" High Resolution Rack Mount Monitor



The VT20B-R is a large 20" industrial rack mount monitor designed to operate with standard PC-compatible video sources operating at resolutions from VGA to 1280 x 1024. This is a display for replacement in control room and factory floor applications requiring a high reliability industrial display while offering capabilities for future system upgrades.

## SPECIFICATIONS

### FEATURES

- ◆ Auto Sync 30 to 82kHz
- ◆ .28mm Super-Fine Dot Pitch
- ◆ 5BNC's and HD15(F)
- ◆ Sync On Green Operation
- ◆ Optional Touch Systems

#### Picture Tube

.28mm Dot Pitch with ARAS coating  
Phosphor: Medium short (P22)

#### Video Bandwidth

135 MHz dot clock

#### Resolution Capabilities

VGA to SXGA 1280 x 1024

#### Maximum Resolution

1280 x 1024 @ 75Hz

#### Scanning Frequency

Horizontal: 30to 82kHz

Vertical: 50 to 120Hz

#### Active Display Area

14.9" x 10.9"

378.46mm x 276.86mm

#### Rack User Controls (front)

Power, Degauss, Brightness,  
ContrastGeometry

#### Temperature

Operating: 0° to 50° C

Non-Operating: -20° to 60° C

#### Relative Humidity

10% to 90% NC

#### Video Input Signal

Analog Positive 0.7Vp-p (75 ohm)

#### Sync:

Separate or Composite Sync: TLL pos.  
or neg. Sync on Green: 0.3V p-p,  
negative

#### Video Connectors:

5 BNC's and mini 15 pin HD female  
connector

#### Power Source

90-264VAC universal

#### Line Frequency

50/60 Hz

#### Power Consumption

150 Watts

25 Watt standby;

8 Watt suspend mode

#### Dimensions

19"(w) x 17.5"(h) x 20.18"(d)

482.60mm x 444.50mm x 512.57mm

#### Weight

66 lbs / 30 kg

#### Agency Approvals

DHHS, FCCA, CE

#### Warranty

1 Years

#### Ordering Information

VT20B-R

Also recommended:

VT19B-R

### CONTACT

#### HEADQUARTERS

11529 Sun Belt Ct.  
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

- Resistive Touch
- Capacitive Touch
- SAW Touch
- Rack Slides
- Infra-Red

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