

CRT Size..... 17 inches, (90 deg.)
 Display Screen Type..... Full Square, Flat Face,
 Medium Short Persistence Phosphor
 Dot Pitch..... 0.31mm

Scanning Frequency:

Horizontal..... 30 to 65 kHz
 Vertical..... 50 to 90 Hz

Maximum Resolution:

Horizontal..... 1280 Dots
 Vertical..... 1024 Lines

Active Display:

Horizontal..... 300 mm ± 5 mm
 Vertical..... 225 mm ± 5 mm

Input Signal:

Video Signal..... Analog 0.7 V pp or 1.0 V pp
 Positive at 75 ohms Terminated
 Separate Sync..... TTL Level, Positive or Negative
 (D-sub connector input only)
 Composite Sync..... TTL Level, Positive or Negative
 Sync on Green..... Composite Sync 0.3 V pp Negative
 (Video 0.7 V pp Positive)

Video Bandwidth..... 45 MHz (Max.)

Power Input..... AC 90-132/198-264 Volt 50/60Hz ± 3Hz
 Power Consumption..... 140 watts (Max.)
 Dimensions..... 17.5 x 16.6 x 17.9 inches (HxWxD)
 Weight..... 48 lbs. 6 Oz.
 Operating Temperature..... 32 to 104°F
 Storage Temperature..... -4 to 140°F
 Operating Humidity..... 30% to 80%
 Storage Humidity..... 10% to 90%

The VGM-1731 RGB Analog Monitor is a high-resolution color monitor designed to display characters and graphics in an unlimited number of vivid colors. Its features include the following:

- ° 17-inch (16-inch visual) Flat Square Technology CRT, reduces glare and enhances viewing area.
- ° Automatically scans horizontal frequencies from 30 to 65 Khz and vertical frequencies from 50 to 90 Hz.
- ° Compatible with a wide variety of video standards including VGA, Macintosh-II, IBM 8514/A, Super VGA, 1024 X 768 non-interlaced, and 1280 X 1024 non-interlaced.
- ° 0.31 mm dot pitch provides sharp detail.
- ° Supports VESA flicker-free modes.
- ° Microprocessor-based digital control system saves up to 12 user definable display settings. Also includes 12 factory preset display settings.
- ° Power supply operates on AC 100-120/220-240 Volt 60/50 Hz power for use all over the world.
- ° Dual signal inputs allow connection to two video sources, VGA (D-Sub) and 1280 X 1024 (BNC), for example, and either can be selected with a front

panel switch.

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