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## 19" TFT Color LCD

### RS343 A

High Resolution  
Composite Video Monitor

### Model VT19WV7X



This TFT active matrix LCD monitor requires video from any high-resolution composite video source. Just apply power and connect the video signal for this Plug & Play monitor to display the video, text, and graphics generated by your source program/equipment.

#### Display Specification:

- Active Matrix – 19" TFT color LCD (483-mm diagonal with aspect ratio = 4:3)
- Viewing Size – 14.8" X 11.8" (376.3 x 301.1 mm)
- Viewing Angle – Horizontal +/- 85 & Vertical +/- 80 degrees
- Max Resolution – 1280 x 1024 pixels
- Display Color – Full 16M colors
- Brightness – Full white 250-cd/m sq'd (NITS)
- Contrast Ratio – Typically 1000:1

#### General Specification:

- Black desktop plastic cabinet with pedestal base with tilt option.
- Front controls: Power switch, Brightness, Menu, Select (Up/Down)
- Input signal: Analog PC timing as VGA through input connector 15 pin HD D-sub
- PC timing: H 30-80 kHz, V 50-75 Hz
- Input signal: Standard RS343 A High Resolution TV System Signal through BNC
- RS343 timing: Scan Frequencies H 20-30 kHz, V 30 Hz (frame) / 60 Hz (field)
- On Screen Display (OSD) for user control
- Power input: +12 vdc, 45 W, power module included 100-240 VAC (auto-sensing)
- Operating temperature – 0 to +45 degree C
- Certifications: FCC-B, CE, UL ...



#### RS343A Input Signal Definition:

Lines/ Frame	Active Lines	Vertical Resolution	H frequency kHz	H period usec	H active usec
675	624	425	20.25	49.38	42.38
729	674	475	21.87	45.72	38.72
875	809	575	26.25	38.09	31.09
945	874	600	28.35	35.27	28.27
1023	946	650	30.69	32.58	25.58