



# Tech Info Library

## Monitor II: Specifications (Discontinued)

### I. Technical Specifications

#### A. Electrical

1. CRT type: 12 inch (30.5 cm) diagonal
  - nonglare
  - high-contrast screen
  - 90 degree diagonal reflection
2. Phosphor: P31 (Green)
  - Decay time of 70usec from 100% to 10%
3. Scanning: EIA standard
  - 525 lines
  - 30 frames
  - 60 fields/second
  - Overscan
4. Data input signal: 0.5 to 2.0 volt p-p composite
  - Negative synchronous into 75 ohms (RS-170 compatible)
5. Drive or scan rates:
  - a. Horizontal: 15.699 KHz
  - b. Vertical: 60 Hz
6. Video bandwidth: 18 MHz
7. Horizontal Resolution:
  - a. At center: 900 TV lines
  - b. At corners: 800 TV lines
8. Horizontal Linearity: Less than 10%
9. Power requirements: 101.2 to 120.75 VAC (115VAC +5%, -12%)
  - 50/60 HZ, frequency independent
10. Power consumption: 30 W under normal viewing conditions
11. Display capability: 80 characters/row, 24 rows
12. Input connector: RCA type, 75 ohms terminated

B. Environment

1. Operating temperature range:  
degrees  
F                    C  
41 to 104    5 to 40

C. Physical

1. Width:        in        cm  
                 14.5     37
2. Height: 10.6    27
3. Depth:  12.5    31.8
- lbs        kg  
4. Weight: 18.7    8.5

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Keywords:  SPECSHT

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19960215 11:05:19.00

Tech Info Library Article Number: 154