

## Technical Specification\*

CRT

Size and deflection : 17 inch/41cm, 90° deflection angle  
 Dot pitch/Grille pitch : 0.27mm  
 Horizontal pitch : 0.24mm  
 Tube type : Shadow mask, flat square, high contrast, antiglare, anti-static, anti-reflection, light transmission 47%

Phosphor : P22

Recommended display area : 12.0"x9.0"/306 x 230 mm

Maximum display area : 12.9"x9.7"/327 x 245 mm

Scanning

Horizontal scanning : 30 - 71 KHz

Vertical scanning : 50 - 160 Hz

Video

Video dot rate : 108 Mhz

Input impedance

-Video : 75 Ohm

- Sync : 2.2 kOhm

Input signal levels : 0.7Vpp  
 Separate sync

Sync input signal : Composite sync  
 Sync polarities : Positive and negative

White Color Temperature

Chromaticity CIE coordinates:

at 9300 °k x = 0.283 y = 0.297  
 at 6500 °k x = 0.313 y = 0.329

Power Management

Complies with EPA Energy Star and NUTEK specifications

Typical operation : 75 W

Suspend/Standby Mode : < 8 W

Off Mode : < 2.5 W

Physical Specifications

Dimensions : 399x373x408mm(excluding base)  
 399x410x408mm(including base)

Net weight : 15 Kg

Power supply : 90 - 264 VAC, 50/60HZ

Power consumption : 105 Watt

Operating condition

Temperature : 0 °C - 40 °C

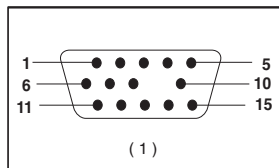
Relative Humidity : 5 % - 95 %

Storage condition

Temperature : - 25 °C - 65 °C

Relative Humidity : 5 % - 95 %

## Pin assignment :



The 15-pin D-sub connector(male) of the signal cable :

| Pin No. | Assignment         | Pin No. | Assignment            |
|---------|--------------------|---------|-----------------------|
| 1       | Red video input    | 9       | No pin present        |
| 2       | Green video input  | 10      | Ground                |
| 3       | Blue video input   | 11      | Ground                |
| 4       | Ground             | 12      | Serial data line(SDA) |
| 5       | Self test          | 13      | H.Sync                |
| 6       | Red video ground   | 14      | V.Sync(VCLK for DDC)  |
| 7       | Green video ground | 15      | Data clock line(SCL)  |
| 8       | Blue video ground  |         |                       |

## Data Storage

### Factory preset mode:

This monitor has 10 factory-preset modes as indicated in the following table :

|     | Mode | Resolution  | Frequen |       | Sync polarity |   |
|-----|------|-------------|---------|-------|---------------|---|
|     |      |             | H(KHz)  | V(Hz) | H             | H |
| M01 | VGA  | 720 x 400   | 31.5    | 70    | -             | + |
| M02 | VGA  | 640 x 480   | 31.5    | 60    | -             | - |
| M03 | VGA  | 640 x 480   | 43.3    | 85    | -             | - |
| M04 | SVGA | 800 x 600   | 46.9    | 75    | +             | + |
| M05 | SVGA | 800 x 600   | 53.7    | 85    | +             | + |
| M06 | EVGA | 1024 x 768  | 60.0    | 75    | +             | + |
| M07 | EVGA | 1024 x 768  | 68.7    | 85    | +             | + |
| M08 |      | 1280 x 1024 | 64.0    | 60    | +             | + |

## Automatic Power Saving

If you have VESA's DPMS compliance display card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. And if an input from keyboard, mouse or other input devices is detected, the monitor will automatically "wake up". The following table shows the power consumption and signaling of this automatic power saving feature :

| Power Management Definition |         |        |        |            |                 |           |
|-----------------------------|---------|--------|--------|------------|-----------------|-----------|
| VESA's mode                 | VIDEO   | H-SYNC | V-SYNC | POWER USED | POWER SAVING(%) | LED COLOR |
| ON                          | Active  | Yes    | Yes    | < 100 W    | 0 %             | Green     |
| Stand-by                    | Blanked | No     | Yes    | < 15 W     | >85 %           | Yellow    |
| Suspend                     | Blanked | Yes    | No     | < 15 W     | >85 %           | Yellow    |
| OFF                         | Blanked | No     | No     | < 5 W      | >95 %           | Amber     |

This monitor is Environmental Protection Agency (EPA) Energy Star compliant and TCO'99 power management compatible.

\*Zero power consumption in OFF mode can only be achieved by disconnecting the mains cable from the monitor.



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