

15" (14.0" VIS) color monitor

105S₅₆

- 15-inch (14.0" VIS) color monitor with excellent front of screen performance for use with MACs and PCs
- Autoscan covers horizontal frequencies up to 54 kHz offering a maximum resolution of 1024 x 768 with flicker free display of 800 x 600 at up to 87 Hz
- Flat square CRT with 0.28 mm dot pitch (0.24 hdp)



PHILIPS

15" (14.0" VIS) color monitor



Technical Specifications

CRT panel

- Size (inch/cm) 15"/ 36 cm
- Deflection angle (degrees) 90°
- Dot pitch/ Grille pitch 0.28 mm
- Horizontal pitch 0.24 mm
- Tube type Shadow mask, Flat Square, Anti-Glare, Anti-Static, Light Transmission 57%
- Phosphor P22
- Recom. display area(mm) 270 x 202 mm
- Recom. display area(inch) 10.6" x 8.0"
- Max. display area(mm) 284 x 213 mm
- Max. display area(inch) 11.2" x 8.4"

Scanning

- Horizontal scanning 30 - 54 kHz
- Vertical scanning 50 - 120 Hz

Video

- Video dot rate 72 MHz
- Input impedance
 - Video 75 Ohm
 - Sync 2.2k Ohm
- Input signal levels 0.7 Vpp
- Sync input signal Separate 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=0.018

Resolution and preset modes

- Max. resolution 1024 x 768
 - Recom. resolution 800 x 600
 - 9 user definable modes
 - 6 factory preset modes:
- | | H.freq (KHz) | V.freq (Hz) |
|------------|--------------|-------------|
| 640 x 480 | 31.5K | 60 |
| 640 x 480 | 37.5K | 75 |
| 720 x 400 | 31.5K | 70 |
| 800 x 600 | 46.9K | 75 |
| 800 x 600 | 53.7K | 85 |
| 1024 x 768 | 48.4K | 60 |

Plug and play compatibility

- Display Data Channel DDC 2B (VESA)
- Microsoft® Windows® 95/98/Me & 2000/NT/XP compatible

Power management

Complies with EPA Energy Star and NUTEK specifications

- Operation 75 W (typical)
- Off mode/Deep Sleep < 8 W

Low-emission characteristics

- Complies with MPR-II specifications

Monitor controls and functions

- Front
 - Power on/off
 - Contrast
 - Brightness
- On Screen Display
 - Language (English, Spanish, French, German, Italian, Russian), Contrast, Brightness, H-center, H-size, V-center, V-size, Zoom, Pincushion, Trapezoid, Pin balance, Parallelogram, Rotation, Color temperature

Connections and Cables

- Connections
 - Video 15-pin D-sub
- Cables D-Sub Video cable(fixed), power cord

Regulatory approvals

- MPR-II Low Emission
- TÜV/GS, TÜV/Ergo
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B sign, EZU
- CE
- NUTEK, Energy Star

Physical specifications

- Dim. incl. base (WxHxD)(mm) 360 x 360 x 389
- Dim. incl. base (WxHxD)(inch) 14.2" x 14.2" x 15.3"
- Dim. excl. base (WxHxD)(mm) 360 x 321 x 389
- Dim. excl. base (WxHxD)(inch) 14.2" x 12.6" x 15.3"
- Weight (kg) 11.5 kg
- Power supply 100- 240 VAC, 50/60Hz
- Temperature (operational) 0°C to 40°C/ 32°F to 104°F
- Temperature (storage) -25°C to 70°C/ -13°F to 158°F
- Relative humidity 10% to 95%
- MTBF > 100,000 H

As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency.

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