

Chapter 1 INTRODUCTION

1-1 General Introduction

This 15" color monitor is an intelligent and auto-scanning monitor with microprocessor-based design and can be used from general VGA to VESA non-interlace application. It provides smart digital control precisely for factory preset such as auto-sizing, auto-positioning and also user-programming flexibility.

1-2 Features

- * Auto-scanning from 30 KHz to 54 KHz for horizontal frequency, and 52 Hz to 120 Hz for vertical frequency.
- * Flicker free for 800 X 600 (85 Hz) resolution, and can be used up to 1024 X 768 (60 Hz) for high resolution.
- * 15" with 0.28 mm dot pitch.
- * Microprocessor-based design with 10 modes preset and 4 user programming modes.
- * Compatible with standard VGA, SVGA, 8514/A, XGA and VESA standard.
- * Full range power supply.
- * Horizontal and vertical over-scanned capability.
- * Plug and Play capability, DDC1/2B.

1-3 Cautions When Using This Monitor

- * To avoid eyes fatigue, do not use the monitor in bright background or where sunlight or other light sources shine directly on the screen.
- * Set up in a well-ventilated environment so that the heat from the monitor can dissipate properly.
- * Keep the monitor away from high capacity transformer, electric motor and other strong magnetic field.
- * The monitor should not be used in damp, dusty or dirty areas.
- * Due to earthly magnetic field, the monitor screen had better face East for north hemisphere usage, and should be tested under actual magnetic field for southern hemisphere.

1-4 Monitor and Accessories

Before using the monitor, please make sure all items listed below are present in your package.

- (1). Monitor
- (2). User manual

Chapter 2 INSTALLATION

2-1 Illustration

- (1). Power LED : Green color for normal operation, amber for power saving mode
- (2). On/off power switch
- (3). Select switch

Scanning Frequency	30 to 54 KHz for horizontal scanning 50 to 120 Hz for vertical scanning
Dot Rate	65 MHz
Display Color	Unlimited
Display Size	Horizontal : 270 +/- 2 mm (Adjustable) Vertical : 200 +/- 2 mm (Adjustable)
Power Input	90 - 260 Vac, 50 / 60 Hz 1.8 A for 110 Vac application 0.9 A for 220 Vac application
Power Consumption	85 W max.
Power saving	VESA DPMS 25 W for suspend mode 8 W for off mode
Dimension	L X W X H, mm inches
Weight	Kg (lb), Net Kg (lb), Gross
Environment	Operation : Temperature +5 ~ +40 degree C Humidity 30% ~ 80% Storage : Temperature -20 ~ +60 degree C Humidity 10% ~ 90%

APPENDIX B : PIN ASSIGNMENT

Miniature 15 pin D-type connector

1. Red
2. Green
3. Blue
4. No-connection
5. DDC return
6. Red return
7. Green return
8. Blue return
9. No-connection
10. Ground
11. Ground
12. SDA
13. H sync
14. V sync (VCLK)
15. SCL

FEDERAL COMMUNICATIONS COMMISSION (F.C.C.) STATEMENT

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation, if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient / Relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/ TV technician for help.

NOTE: 1. The use of a non-shielded interface cable with this equipment is prohibited.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.