

# STUDIOWORKS 55i

## 15" High Resolution Color Monitor (13.7" Viewable Image Size)

The Studioworks 55i is ideal for main-stream business and desktop publishing applications. Compatibility with a wide variety of graphics controllers and DDC2B plug and play protocol assure quick installation and optimized performance. The specially treated screen and high resolution display combine to produce superior image quality. Users looking for the ideal balance of performance and affordability, should take a closer look at the Studioworks 55i.

### Major Features

- △ Multi-synchronous compatibility from 640 x 480 up to 1024 x 768 @ 60 Hz NI, and flicker-free at 800 x 600 @ 85 Hz NI.
- △ VESA DDC2B and DDC1 compliant for true plug and play performance, when used with compatible video cards and PCs.
- △ The flat-square tube, Iron mask and non-glare screen coating combine for vivid images, higher-contrast and reduced eye strain.
- △ Meets MPR II low-emission standards and surpasses EPA Energy Star and VESA DPMS\* energy consumption requirements for safer, more economical operation.
- △ Digital microprocessor controls include 12 user settable and 5 factory preset adjustments.
- △ Detachable tilt/swivel base allows for optimal placement and positioning in any environment.
- △ Autosensing 90-264 VAC power requirements for worldwide compatibility. Free of any CFCs. Manufactured in an ISO 9001 certified factory.

| Specifications                    |   |
|-----------------------------------|---|
| CRT Size/Type                     | 15" FST (13.7" VIS), Iron mask, dark body tube, dark glass faceplate                                      |
| Display Size                      | 10.2" x 7.48" normal (260 mm x 190 mm)<br>11.2" x 8.4" full-screen (284 mm x 213 mm)                      |
| Display Colors                    | Unlimited colors  |
| CRT Transmission                  | 57%   |
| CRT Pitch                         | 0.28 mm Dot   |
| CRT Coating                       | Non-glare silica  |
| Phosphor                          | P22, medium short persistence   |
| Maximum Flicker-Free Resolutions† | 800 x 600 @ 85 Hz NI<br>640 x 480 @ 85 Hz NI  |
| Maximum Resolution†               | 1024 x 768 @ 60 Hz NI, 87 Hz I  |
| Display Capability                | Auto-sync within scanning frequencies   |
| Horizontal Scanning Frequencies   | 30-54 KHz   |
| Vertical Scanning Frequencies     | 50-90 Hz  |
| Input Signal                      | RGB Analog  |
| Video Bandwidth                   | 65 MHz  |
| Input Signal Connectors           | 15-pin D-sub  |
| Cable Supplied                    | 15-pin D-sub connector, 48" attached  |
| Monitor Control Type              | Digital microprocessor control with LED   |
| Memory Modes                      | 5 factory preset, 12 user-settable  |
| VESA Plug and Play Level          | DDC2B, DDC1   |
| Digital Adjustments               | Horizontal/vertical size and position, side pincushion, trapezoid   |
| Front Panel Controls              | Power, brightness, contrast, select (+/-), adjust (+/-)   |
| Power Requirements                | 90-264 VAC, 47-63 Hz  |
| DPMS Power Consumption On:        | 80 Watts  |
| Stand-by:                         | 15 Watts  |
| DPMS-Off:                         | 5 Watts   |
| Detachable Tilt/Swivel Base       | Tilt 5-15°, swivel 45/45°   |
| Dimensions (WxHxD) w Base         | 14.2" x 15.3" x 15.2" (360 x 388 x 386 mm)  |
| Weight                            | Net: 29.7 lbs (13.5 Kg)<br>Packed: 33.4 lbs (15.2 Kg)   |
| 40 ft. Container Quantity         | 655 sets, individual  |
| Mean Time Between Failure         | 50,000 hours  |
| Safety/Regulatory                 | UL, FCC-B, CSA, DHHS, TUV-GS, CB, SEMKO, NEMKO, ROV, ISO 9421-3, FTZ-B, CE-Marks, MPR II, EPA Energy Star |
| Warranty                          | 3 years limited on parts, labor, CRT  |
| UPC#                              | 719192 163560   |

\*DPMS: Display Power Management Signaling for reduced power consumption during non-use. Dependent on video card or CPU for activation.

†Monitor dependent upon video controller for scan frequencies and resolution.



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