

The Studioworks 78i is designed for graphics, desktop publishing and other demanding applications. It features a 1600 x 1280 resolution screen, a high video bandwidth and a special AR-ASC coating, for crisp, high-contrast images.

Compatibility with a wide variety of graphics controllers and DDC2B plug and play protocol assures quick installation and optimal performance. On-screen microprocessor controls allow for precise and convenient image adjustment. If you demand the best in value, performance and reliability, the Studioworks 78i delivers.

#### Major Features

- △ Multi-synchronous compatibility from VGA through XGA-2 graphics standards, including 1600 x 1280 at 60 Hz non-interlaced, and flicker-free at 1280 x 1024 at 70-77 Hz.
- △ VESA DDC2B compliant for true plug and play performance, when used with plug and play video cards and PCs.
- △ The flat-square tube, Invar shadow mask, dynamic double focus and anti-reflective, anti-static charge coating all combine for vivid images and high contrast for 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.
- △ User-settable digital microprocessor memories and on-screen controls for easy adjustment and selection of stored image settings. Includes 8 factory set and 32 user-settable memory modes.
- △ 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 ISO 9001 certified factory.

# GoldStar



# STUDIOWORKS 78i

## 17" High-Resolution Color Monitor

(15.7" Viewable Image Size)

Specifications	Features
CRT Size/Type	17" FST (15.7" viewable), Invar mask, dark body tube, dark glass faceplate
Display Size	11.8" x 8.9" normal, 12.8" x 9.6" full screen
Display Colors	Unlimited colors
CRT Transmission	51%
CRT Pitch	.26mm Dot, double focus
CRT Faceplate	AR-ASC (Anti-reflection, anti-static charge coating)
Phosphor	P22, medium short persistence
Maximum Flicker-Free Resolutions	640 x 480/100 Hz NI 800 x 600/100 Hz NI 832 x 624/75 Hz NI (Mac) 1024 x 768/80 Hz NI 1152 x 870/75 Hz NI (Mac) 1280 x 1024/76 Hz NI
Maximum Resolution	1600 x 1280/66 Hz NI
Display Capability	Auto-sync within scan frequencies
Horizontal Scanning Frequencies	30-85 KHz
Vertical Scanning Frequencies	50-120 Hz
Sync Signaling	Separate horizontal/vertical, sync on green, composite horizontal/vertical
Vertical Bandwidth	135 MHz
Input Signal	RGB analog, 15 pin D-sub and 5BNC
Cable Supplied	60" cable with 15 pin D-sub connectors
Monitor Control Type	Digital microprocessor (OSD control)
Memory Modes	8 factory presets, 32 user settable
VESA Plug and Play Level	DDC2B
Front Panel Buttons/Controls	Power, brightness, contrast, menu, select
On-Screen Adjustment	Horizontal/vertical size and position, side pincushion, trapezoid, parallelogram, video input level, image tilt, image zoom, help, mode recall, manual degaussing
Power Requirements	90-264 VAC, 47-63 Hz
Power Consumption	120 Watts max., utilizes DPMS*
DPMS Power Consumption	On: 120 Watts; green power LED Stand-by: 15 Watts; blinking power LED DPMS Off: 5 Watts; amber power LED
Tilt/Swivel Base	Included, detachable
Dimensions (WxHxD) w/o Base	16.2" x 16.9" x 17"
Weight Net	41.1 lbs.
Packed in Carton	49.5 lbs.
Mean Time Between Failure	50,000 hours
Safety/Regulatory	UL, FCC-B, CSA, DHHS, TUV-GS, SEMKO, NEMKO, ROV, ISO 9421-3, FTZ-B, CE-MARKS, MPR II, EPA Energy Star

\*DPMS: Display Power Management Signaling for reduced power consumption during non-use.

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