

Overview

Models

281683-B21 (Worldwide)

This product is the first generation 1U retractable TFT flat panel monitor. It provides a full 15" viewing screen when needed and tucks away in only 1U of rack space when not being used. The product has been designed to allow a switchbox to mount behind it on the rails - further maximizing rack space.

Introduction

Space Savings

15" digital display delivers a viewable image area that is especially designed to effectively utilize available rack cabinet space. The space-saving benefits (1U retractable versus 9-11U for a CRT monitor) of flat panel monitors can be achieved without having to sacrifice viewable image size or performance.

This product has been designed to accommodate a **KVM switch to mount behind the unit**, allowing further space savings in the 9000/10000 series racks.

Performance

Maximum resolution of 1024 x 768 @ 75 Hz supports most commonly used resolution for traditional CRT customers. It also offers 800 x 600 @ 70 Hz and 640 x 480 @ 70 Hz to support most major resolutions.

TFT active matrix screen guarantees a flicker-free picture that is brighter, more vibrant and sharper in focus than a CRT monitor. Using three transistors for each pixel, active matrix produces a high quality display and eliminates the problems associated with passive matrix LCD screens.

Side-to-side wide-angle viewing displays a quality picture even when the user is not directly in front of the monitor. Specifically, the monitor supports quality viewing at angles of 120° horizontally and 105° vertically.

Depending on the equipment installed below, the monitor may be **viewable with the rack door shut**.

Ergonomic Design

Intuitive, 3 button On-Screen Display (OSD) is conveniently located on the front of the monitor, making screen adjustments easy.

A wide array of adjustments can be made, including contrast, brightness, vertical/horizontal position, clock, clock phase, clock fine, language selection, and factory reset.

HP-unique LiteSaver Switch It turns power off to the panel backlight to prolong the life of the TFT.

Multilingual On-Screen Display gives a visual illustration of adjustments to be made, allowing for quick and easy custom adjustments.

Power Cords

The following power cords ship with the TFT5110R Monitor:

213349-001 - C10 power cord (pre-installed)

192292-001 - C5-C14 power cord (ships in the accessory box)

Warranty

Three-year Limited Warranty for parts only.

NOTE: Certain restrictions and exclusions apply. [Consult the Customer Support Center for details.](#)

Specifications

Overall	TFT (diagonal)	15 in Flat Panel
	Viewable (diagonal)	15 in display
	Horizontal Dot Pitch	0.28 mm
	Pixel Clock Speed	80 MHz
	Input Impedance	75 ohms \pm 10%
	Horizontal Frequency	31.47 to 60 KHz
	Maximum Power Consumption	20W
	Power Supply ALS	Universal/Auto-Sensing
	Input Rating:	100-240V/1.2 Amps/50 - 60 Hz
	Output Rating:	12V/3.33 Amps
	BTU	153.7
Graphic Preset Modes	1024 x 768 (Max. Resolution)	60, 70 and 75 Hz
	832 x 764	60, 70 Hz
	800 x 600	60, 70 Hz
	720 x 400	60, 70 Hz
	640 x 480	60, 70 Hz
	640 x 350	60, 70 Hz
OSD Language Selection	English, Spanish, French, German, Italian, Japanese, Portuguese, Simplified Chinese, Swedish and Dutch	
Physical Dimensions	Panel, Tray drawer, and Slide Bracket	16.5 x 15.75 x 1.19 in/41.9 x 40.0 x 3.02 cm
	Weight	10.6 lb/4.8 kg
Shipping Dimensions	Package	24.5 x 9.25 x 24.0 in/60.33 x 23.50 x 62.23 cm
	Weight	26.85 lb/12.2 kg
Environmental Temperature	Operating	50° to 122°F/10° to 50°C
	Storage Temperature	32° to 140°F/0° to 60°C
Humidity (non-condensing)	Operating	20% to 90%
	Non-operating	0% to 90%
Third Party Rack Mounting Options	Input Device Adjustable Rail	287139-B21
	Input Device Telco Rail	287138-B21

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