

PANELPAL™ / RACKMATE™ / STOWAWAY™

Panel Mount LCD Monitors/Rack Mount LCD Monitors/2U Rack Mount Flip-Up LCD Monitors



The **PANELPAL**, **RACKMATE** and **STOWAWAY** are the ideal LCD monitors for any commercial and/or light industrial application. Designed to provide the best cost and performance value, General Digital's LCD display and control electronics are housed in a durable plastic enclosure.

The LCD monitors of the *PanelPal* and *RackMate* are integrated into an innovative panel mount or rack mount enclosure, constructed of sturdy and lightweight aluminum, to facilitate installation into consoles, kiosks or standard [RETMA] 19" rack chassis. The *PanelPal* and *RackMate* significantly reduce the space and weight formerly afforded by a bulky CRT alternative.

An innovative cradle/slide on the *Stowaway* is integrated into the LCD monitor to facilitate installation into a standard [RETMA] 19" rack chassis. When stowed, the slim profile occupies only 3.5" (2U) of vertical height and 20" of rack depth, significantly reducing the space and weight formerly afforded by a CRT alternative. When deployed, the monitor can pivot on its unique slides, allowing operators to tilt the display 90° to optimize user ergonomics.

An external AC power supply is supplied with each *PanelPal*, *RackMate* and *Stowaway* LCD monitor. To facilitate the mounting of the power supply directly behind the unit, an optional aluminum bracket (P/N 90-160) can be purchased to keep clutter to a minimum and save valuable rack space. Please inquire with a Sales Engineer for more power options.

General Digital also offers a family of commercial, industrial and military-grade rack mounted keyboards and pointing devices to complement the *PanelPal*, *RackMate* and *Stowaway* LCD monitors.

For heavy industrial or military applications, or any application requiring a rugged panel mount or rack mount LCD Monitor, General Digital recommends its **Saber PanelMount™** and **Saber RackMount™** products.

For heavy industrial or military applications, or any application requiring a rugged flip-up or flip-down rack mount LCD Monitor, General Digital recommends its **Rack Mount Hinge™** and **SlimLine Micro™**, or for dual monitor applications, the **TwoView™** and **TwoView Micro™**.

Please feel welcome to contact a Sales Engineer for a no obligation consultation, or visit www.GDdisplaysystems.com.

OVER 35 YEARS OF FLAT PANEL SOLUTIONS

QUICK LOOK

ENCLOSURE

- » Economical Plastic Enclosure with Metal Mounting Kit for All Models
- » Stowaway Occupies Only 2U (3.50" height) of Vertical Rack Space when Stowed
- » Stowaway Utilizes Hinged Slides which Pivots Monitor 90° to Optimize Display/Keyboard Ergonomics

DISPLAY

- » 15.0"/19.0" Diagonal Active Matrix TFT LCD Display
- » XGA/SXGA (1024 x 768/1280 x 1024 pixels) Maximum Resolution
- » Wide Viewing Angle (Horizontal & Vertical)
- » High Brightness & Contrast Enhances Display Quality
- » Fast Response Time Ideal for Real-Time and Video Applications

VIDEO CONTROLLER

- » Support for Interlaced and Non-Interlaced Video Sources
- » Supports Analog Video with Separate Sync
- » Support for DVI-A, DVI-D, and DVI-I Analog, Digital and Integrated Video [Optional]
- » 15.0" Supports up to 1024 x 768 Resolution @ 85 Hz
- » 19.0" Supports up to 1280 x 1024 Resolution @ 85 Hz
- » Intuitive On-screen Menus for Display Calibration and User's Control
- » Advanced Imaging Features
 - Auto Adjust
 - Brightness/Contrast/Color Adjustments
 - Image Expansion
 - Image Zoom
 - Foreign Languages
 - More

POWER

- » +12 VDC Operation
- » Low Power Consumption (<50 Watts)

OPTIONS

- » Aluminum Bracket (90-160) to Mount Power Supply Directly Behind Unit
- » Separate Rack Mountable and Desktop Keyboards (Commercial-, Industrial-, Military-Grade)
- » Protective Glass Display Overlay
- » Capacitive and Resistive Touch Screens

Designed and Manufactured in the U.S.A.

**PanelPal 150
RackMate 150
Stowaway 150**

**PanelPal 190
RackMate 190
Stowaway 190**

Panel	Type	AS-i TFT LCD	AS-i TFT LCD
	Size	15.0" Diagonal	19.0" Diagonal
	Pixel Pitch	0.297 mm	0.294 mm
	Brightness	250 cd/m ² (Nits)	250 cd/m ² (Nits)
	Contrast Ratio	500:1	600:1
	Viewing Angle	±80° Horizontal ±70° Vertical	±85° Horizontal ±85° Vertical
	Response Time	25 ms Rise/Decay	15/10 ms Rise/Decay
Frequency	Horizontal Rate	28–61 kHz	30–81 kHz
	Vertical Rate	48–75 Hz	58–85 Hz
	Maximum Pixel	80 MHz	135 MHz
Resolution	Maximum	XGA (1024 x 768 Pixels)	SXGA (1280 x 1024 Pixels)
Colors	Maximum	16.7 Million	16.7 Million
Signal Input	Video Input	Analog RGB (0.714 V p-p)	Analog RGB (0.7 V p-p)
	Sync Type	Separate	Separate
Plug & Play	DDC	DDC 1/DDC 2B	DDC 1/DDC 2B
Power*	Operating	25 Watts (Maximum)	40 Watts (Maximum)
	Standby	<1 Watts	<5 Watts
	Regulation	EPA/NUTEK	EPA/NUTEK
OSD Control	On-screen Display	Yes	Yes
Regulation	Safety	UL, CSA, NOM, NEMKO, SEMKO, CE, TUV, PCBC, EZU, SIQ, MEEI, GOST, CCIB, PSB	UL1950, CSA, TUV, IEC950, NEMKO
	EMI	NEMKO, CE, RFS, C-TICK	FCC, DOC, CISPR22, EMI, EN500821
	Low Radiation	MPR-II, TCO99	VCCI
Dimensions	<i>PanelPal</i>	15.00" H x 18.75" W x 2.63" D	17.31" H x 19.00" W x 2.53" D
	<i>RackMate</i>	14.00" (8U) H x 19.00" W x 2.63" D	15.75" (9U) H x 19.00" W x 2.53" D
	<i>Stowaway</i>	3.50" (2U) H x 19.00" W x 20.00" D	3.50" (2U) H x 19.00" W x 20.00" D
Finish	Bezel	Black Powder Coat	Black Powder Coat
	Mounting Bracket	Clear Iridite	Clear Iridite
Weight	Operating	13 Pounds	15 Pounds
Warranty		3 Years Parts & Labor	3 Years Parts & Labor
		50,000 Hours Backlight	50,000 Hours Backlight
Options		Rack Mount Power Supplies, Vandal Shields, Touch Screens, Custom Paint	Rack Mount Power Supplies, Vandal Shields, Touch Screens, Custom Paint

*An internal AC power supply is provided as standard equipment. Inquire about our other power supply options.

