

# 10.4" SERIAL TOUCH TERMINAL EMULATOR

The VuePoint™ II successor has arrived!



The ease of use of man/machine interaction made possible with VuePoint™ III gives new meaning to the term *user-friendly*. The LCD and resistive sensing touch screen respond instantly to the touch of the finger or other stylus. Simple, menu-prompted, touch-interactive operation makes even the untrained operator instantly productive, and further enhances the trained operator's capabilities.

For applications where time or timing are critical, touch entry improves a user's response rate by reducing reaction time. No complicated keyboard, mouse or pointing device operations are required with VuePoint™ III.

The rugged, unitized construction and sheetmetal enclosure make VuePoint™ III the designer's choice for harsh and demanding environments. And it's a drop-in replacement for the VuePoint™ II!

The structural integrity of the VuePoint™ III package makes design integration fast and easy. The unit is entirely self-contained for simplified integration within the finished product. The slim, flat, compact profile is ideal for tight spaces and contributes to overall size reduction of the finished OEM product.

For additional product information or consultation, please contact a General Digital™ Sales Engineer or visit our web site: [www.GeneralDigital.com](http://www.GeneralDigital.com).

FEATURES

## ENCLOSURE

- Rugged, All-Metal Construction Designed to Satisfy Industrial Requirements
- Same Dimensions as VuePoint™ II: 12.00" W x 8.625" H x 4.00" D
- External Mounting Holes Provided for Flexible Mounting Capability

## DISPLAY

- 10.4" Diagonal Active Matrix TFT LCD Display
- Programmed to Emulate VPII's™ 480 Char. Display (12 Rows of 40 Chars.)
- Wide Viewing Angle
- Improved Brightness & Contrast Over VPII™
- Wide Operating and Storage Temperatures
- Integrated Resistive Touchscreen
  - » Emulates VPII™ 12 x 20 Touch Grid
  - » Allows Operation with Finger, Gloved Hand, or Virtually Any Stylus
  - » Antiglare Coating

## SPECIAL FUNCTIONS

- Power On Setup Mode Allows Screen Selectable Control of:
  - » Communications
  - » Cursor
  - » Line Feed
  - » Setup Enable/Disable
  - » Self-Test Diagnostics
  - » Carriage Return
- Software Selection of Character Sets
- Software Controlled Cursor Positioning and Enable/Disable
- Screen Selectable Automatic Line Feed at End of Line and Automatic Carriage Return/Line Feed
- Right to Left Entry in Definable Field Widths
- 128 Pages (Standard), Expandable
- Non-Volatile Compact Flash Memory
- Software Control of Any or All of 240 Touch Sensitive Areas
- Page to Page Copy Feature Eliminates Retransmission of Display Information by Host Computer

## POWER

- <25 Watts

## OPTIONS

- Power Supplies
- Right Angle Mounting Brackets
- 19" Rack Mount Panel
- Expandable Pages
- Various Cable/Rear Panel Assemblies

**Designed and Manufactured in the U.S.A.**

## THE EVOLUTION OF THE VUEPOINT™

### VuePoint™ II

### VuePoint™ III

#### DISPLAY

Technology	DC Gas Plasma	AM-TFT LCD
Brightness	55 FL Unfiltered (30 FL Filtered)	70 FL
Colors	Monochrome (Neon Orange)	User Selectable Foreground and Background from 32K Colors
Viewing Angle	±60° Horizontal; ±60° Vertical	±70° Horizontal; +40°, -70° Vertical
Resolution	480 Characters (12 Rows, 40 Columns)	640 x 480 Pixels Emulating 480 Characters (12 Rows, 40 Columns)
Viewing Area (W x H)	8.3" (211 mm) x 4.6" (117 mm)	8.3" (126 mm) x 4.98" (126 mm)
Character Size (W x H)	0.15" (3.8 mm) x 0.26" (6.6 mm)	0.17" (4.29 mm) x 0.25" (6.27 mm) [Nominal]
Character Sets	Standard & Modified ASCII	Same
Special Features	Blinking Cursor and Dual Rate Blinking Character Capability	Same
MTBF	> 50,000 Hours	Same
Other	Optional Sealing Tray	Closed-cell Foam Gasket Between Bezel and Touch Screen (Standard Equipment)

#### TOUCHSCREEN

Technology	Infrared Touchscreen	Resistive Touchscreen
Resolution	12 x 20 Characters	4096 x 4096 Resolution (Emulating 12 x 20 Grid)
Controller	Proprietary Design	Industry Standard Serial Controller
MTBF	Not Available	> 35 Million Touches Per Point

#### EMBEDDED CONTROLLER

Technology	Proprietary Controller Based on Z80 Microprocessor	COTS Single Board Computer (SBC) with 80486 Microprocessor (Min.)
Page Memory	3 Pages (default); Expandable to 140	128 Pages, Non-Volatile Compact Flash (Default); Expandable (Extra Cost Option)
MTBF	Not Available	> 100,000 Hours (SBC), > 1,000,000 Writes (Flash)

#### COMMUNICATIONS

Serial	EIA RS-232C Serial Port	EIA RS-232 or RS-422/485
Parallel	Optional Keyboard/Printer Module	Not Available with Standard Configuration
Keyboard	Optional Keyboard/Printer Module	Standard PS-2 Keyboard Port

#### POWER SUPPLY

Embedded Power Supply	40 Watts (Typical)	< 25 Watts (Typical)
Separate Power Supply	40 Watts (Typical)	< 25 Watts (Typical)

#### ENCLOSURE

Dimensions (W x H x D)	12.00" x 8.625" x 4.00"	Same
Weight	7 lbs.	Same
Construction	Aluminum	Same

#### SPECIAL CAPABILITIES

Command Set	The VuePoint™ III supports the entire VuePoint™ II command set.	
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