



# RADIANT P1220 POINT-OF-SALE TERMINAL

*built for petroleum and convenience retailing*

When facing increasing competition, demanding consumers and margin pressure, you need cost-effective ways to provide better customer service and increase efficiency. Fast, dependable and flexible point-of-sale hardware can help you achieve your desired service levels and streamline operations.

The Radiant P1220 Point of Sale delivers an exceptional combination of performance, reliability and flexibility at a low total cost of ownership. This line of open POS terminals offers a 12-inch LCD form factor, standard Intel® architecture, innovative cable management and more peripheral ports than most alternative 12-inch terminals. It's a smart investment in point-of-sale technology that can give you the speed and consistency you need.



RADIANT P1220 POS

## ➤ IMPROVE SPEED OF SERVICE

Serve customers quickly, improve accuracy and reduce cashier training. A bright 12-inch color touch screen display, integrated card reader and fast processor offer exceptional performance and ease of use so you can get more customers through the line faster.

## ➤ INCREASE FLEXIBILITY THROUGH OPEN PC BASED TECHNOLOGY

Leverage industry-standard Intel components, numerous powered peripheral ports, and the latest wireless technology to meet your business needs today and in the future. Easily integrate the solution with your site's network and other technology systems. Run Radiant or third-party POS software on Radiant hardware.

## ➤ MAXIMIZE SYSTEM UPTIME

Eliminate technology-related service interruptions. The Radiant P1220 POS is built for non-stop sales reliability, providing features like a rugged, spill-resistant enclosure, innovative cable management and available solid-state storage and electronics.

## ➤ STREAMLINE INSTALLATION AND IMPLEMENTATION

Get up and running with the new POS system quickly, with minimal interruption to your daily operations. Flexible mounting options, a unique cable management system and open architecture make the Radiant terminal easy to install and easy to integrate with your technology environment.

## ➤ REDUCE COST OF TECHNOLOGY OWNERSHIP

Maximize your return on investment. The P1220 POS is built to meet your business and technology needs for years to come. Cost-effective maintenance plans allow you to keep your system in excellent condition while minimizing ongoing expenses.

## FEATURES

## BENEFITS

<b>Intel® Celeron® M processor</b>	Intel's mobile architecture is optimized for low power, high performance and support for multiple operating systems. Long lifecycle commitment from Intel
<b>Intel 852GM chipset</b>	Fast 400Mhz system bus and DDR memory support. Supports USB 2.0, dual-independent video and up to 32MB Dynamic Video Memory Technology (DVMT)
<b>Radiant countertop enclosure</b>	Fully integrated, low-profile, water and tamper-resistant housing
<b>Wall or wedge mount options</b>	Low profile, space saving mounting
<b>Radiant CableStrap™ System</b>	Improves reliability with more secure cable connections
<b>Dual-Bulb, Active Matrix, SVGA LCD primary display</b>	Excellent brightness, contrast and color depth for both point-of-sale and self-service applications. Improves ease of use and reduces training time
<b>Software-adjustable brightness for main display</b>	Better display characteristics for user; significantly increased bulb life for main display
<b>Integrated resistive or capacitive touch screen controller</b>	<p><i>Resistive screen</i></p> <ul style="list-style-type: none"> <li>➤ Low-cost option with superb ease of use</li> <li>➤ Can be used with instruments other than fingertip</li> <li>➤ Very high durability with no "drift" over time</li> </ul> <p><i>Capacitive screen</i></p> <ul style="list-style-type: none"> <li>➤ Exceptional durability for applications that do not require gloved or stylus input</li> </ul>
<b>Magnetic Stripe Reader (MSR)</b>	Integrated 2-track MSR with long life rating for credit and loyalty cards. Barcode and 3-track readers optional
<b>3.5" Hard Drive, 2.5" Hard Drive, uDOC or Compact Flash™ storage</b>	3.5" or 2.5" large capacity for greater mass storage. USB Disk on Chip or Compact Flash for greater stability
<b>System Management features</b>	Supports ACPI, SMBIOS, APM, SNMP, and PXE. Also supports metering, remote desktop, remote execution, BIOS update, boot on USB, system inventory and asset management
<b>RFID Reader (optional)</b>	Used for employee badge access or payment
<b>Powered USB (24 volt) (optional)</b>	Used to power devices such as a printer or to add another general purpose USB port
<b>Biometric Fingerprint reader (optional)</b>	Integrated biometric reader for employee verification
<b>Parallel cable (optional)</b>	Support for parallel devices using DB25 connector

## SPECIFICATIONS

<b>CPU</b>	Intel Celeron M 800Mhz or 1.3Ghz
<b>Volatile Memory</b>	256MB DDR Std, 2 DIMM slots with up to 2GB DDR SDRAM supported
<b>Operating System Support</b>	Windows XP Professional, XP-Embedded and Windows Embedded for Point of Service
<b>Networking</b>	Auto-selecting 10Base-T/100Base-T Ethernet using TCP/IP
<b>Primary Display</b>	12" SVGA (800x600), Active Matrix, High-bright, 400 nit, Dual-bulb, 262,144 colors, long life (50,000 hrs)
<b>Ports and Expansion</b>	4 Powered serial ports (RJ12); 4 USB 2.0 ports; 2 dedicated cash drawer ports (RJ, 4-pin); 2 PS/2 ports; 1 DVI-I port (for second display); 1 Mini-PCI expansion slot
<b>Audio</b>	Piezo Buzzer standard, integrated stereo speakers optional
<b>Touch Screen</b>	Native support for 5-wire resistive or capacitive
<b>Customer Display</b>	2x20 display (integrated or pole mount) or 5.5" digital video Order Confirmation Display (stand or pole mount); supports 12.1" Interactive Customer Display and external displays
<b>MPEG Video Decoding</b>	Software MPEG decoding supported
<b>Enclosure</b>	Polycarbonate/ABS impact resistant, high strength blend, environmentally sealed
<b>Dimensions (countertop envelope through tilt angle)</b>	12.4" to 12.7" L x 13.5" W x 10.6" to 13.5" H, 31.5 cm to 32.3 cm L x 34.3 cm W x 26.9 cm to 34.3 cm H
<b>Base Dimension</b>	Standard base: 11.8" L x 9.0" W 30.0 cm L x 22.9 cm W  Low Profile Base: 8.9" L x 8.9" W 22.7" cm L x 22.7" cm W
<b>Tilt Angle</b>	20° to 105° from vertical
<b>Weight (std. base)</b>	19.5 lbs., 8.8 kg
<b>Operating Temp</b>	32°F – 104°F, 0°C – 40°C
<b>Storage Temp</b>	32°F – 158°F, 0°C – 70°C
<b>Humidity</b>	5% to 85%, non-condensing
<b>EMI Certifications</b>	FCC Class A, CE, C-Tick
<b>Safety Certifications</b>	UL, CUL



FOR MORE INFORMATION, PLEASE VISIT US AT  
WWW.RADIANTSYSTEMS.COM OR CONTACT US AT 877.794.RADS

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