

Casio VX-100 Android EPOS Terminal



The Casio VX-100 runs the Android™ operating system on a smartly engineered, all-in-one hardware platform, designed for a wide selection of retail settings.

The new VX-100 hardware platform features a large 10.4 inch SVGA colour LCD with a rugged splash proof touch panel. The viewing angle of this LCD has an electronic adjustment, allowing the perfect position to be set by the operator. An integrated pop-up monochrome LCD shows clear customer information, and can be used for advertising messages, the running receipt total and payment confirmation. An additional benefit to the user is a built-in 80mm receipt printer, with easy to use drop-in paper loading. No interface cables are required and the new EPOS system is simply unpacked, powered-up and ready to use. The Android™ operating system results in a boot-up time faster than PC based EPOS solutions available today. Compared to conventional PC based EPOS, first-time system configuration is also much easier and faster to set-up for a new operator.

The VX-100 hardware platform consumes considerably less power than a conventional PC based EPOS system, requiring only 20 watts on full power and 4.1 watts in stand-by mode. This is a saving of over than 85% when compared to most PC based EPOS systems. With electricity costs' rising faster than ever before, this is a significant cost saving to both the independent store owner, and national operator with a large EPOS estate.

An optional cash drawer is available from Casio or a third-party manufacturer. The wide selection of communication and data-storage options include a LAN and USB interface, together with two cash drawer ports and SD memory card slot. The new VX-100 EPOS solution is one of the quietest available, perfect for noise-intolerant environments. This all-in-one hardware platform weighs only 5kg, with a small foot-print of 395(W) x 237(D) x 229(H) mm, ideal for the limited space on most POS countertops.

Now the leading operating system on smart phones, taking Android™ to the retail environment is an exciting development for the industry. As the first EPOS system running Android™, the Casio VX-100 has a low cost of entry. There are no costly licensing fees and all development tools are free of charge. For the retailer, this solution provides a faster and more stable platform, as all applications have access to the same APIs. The addition of new EPOS applications and relationship management with other external databases is much easier to set-up.

In addition to developing applications at Casio, the company is now looking to forge new partnerships with Android™ developers wishing to bring their innovative applications to this exciting new EPOS platform. These include better targeted customer loyalty programmes, e-catalogue for order placement and home delivery at the POS, connection to Google Maps™, product promotions through social media, CCTV connectivity, real-time public transport information and biometric identification.

The Casio VX-100 is designed for use in a wide selection of retail environments including independent retail stores, multi-nationals, restaurants, educational establishments and offices, and works as both a standalone system or as part of a networked system.

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VX-100 Specification

Software	OS		Android™ 2.2
	Application Software	Preinstalled Application	Sales Management(Cash Register)
			Web browser
			Email
		Additional Applications	Customer Relationship Management
			Reservation Management
			Remote Control by Email
CPU			ARM Cortex-A9 Dual Core 533MHz
Memory	RAM		512MB
	Flash ROM		2GB
Display	Main Display	Type	10.4-inch colour LCD with touch panel 800 x 600 dots (SVGA)
		Function	Electric tilt
		Splash-proof	IPX2 (Compliant with IEC60529 standard)
	Sub Display	Type	Monochrome LCD 32 x 160 dots (20 letters x 2 lines)
		Function	Pop-up
Keyboard	Software Keyboard		Touch panel with main display
Printer	Printing Method		1-sheet thermal printer
	Paper Width		80mm x 80φ / 58mm x 80φ
	Paper-loading		Drop-in paper-loading
Interface	Drawer Ports		2 ports
	Magnetic Card Reader Interface		Yes
	Ethernet Port		RJ45x 1 (10/100 Base-T/Tx)
	USB2.0 Host Port		USB Type A x 1
	RS-232C Ports		Mini D-sub 9-pin x 3
	Memory Card Slot		SD memory card (SDHC) x 1
Memory Backup			Nickel metal hydride rechargeable battery
Power			AC 120-240V
Approx. External Dimensions			395(W) x 237(D) x 229 (H) mm
Approx. Weight			5Kg

Note:

1. Android is a trademark of Google Inc.
2. Other company and product names are generally registered trademarks or trademarks of the respective companies.

Specifications in the table above are current as of October 2011, and are subject to change.