

TRANSACTION SYSTEMS

Advanced Customer Service at Retail Point-of-Sale

The iPOS TC transaction system from Symbol Technologies is a revolutionary point-of-sale device that delivers a new level of service for retail customers. Give your customers the flexibility to use credit or debit cards, display itemized purchases, in-store specials and discounts, as well as other customer-centric information. Integrated payment processing features include electronic signature capture, a Magnetic Stripe Reader (MSR) and a virtual PIN-pad. The iPOS TC was originally developed by @pos, which was acquired by Symbol in 2002.

Maximum Flexibility For Your Operations

Your development team enjoys true operating system independence with this Java-based color payment terminal. iPOS TC can easily be integrated into major host systems with a variety of applications. The result: outstanding flexibility for all types of retail POS systems.

High-Performance and Reduced Costs

Robust security features help you reduce fraud and charge back costs associated with transaction payments. Sales are increased with the ability to connect to a remote server, which supports the display of special offers, discounts and other in-store promotions. Powerful processor and high speed connectivity improves throughput, so screens for payment card swipes, scrolling line item displays, and completed transactions appear quickly. The combination of superior technology and features in the iPOS TC results in an ideal point-of-sale system for both customer and retailer.

To find out more about how the iPOS TC can improve your profitability and customer satisfaction levels, visit www.symbol.com/atpos

About Symbol

Symbol Technologies, Inc. (NYSE:SBL), founded in 1975, is a global leader in secure mobile information systems that integrate application-specific hand-held computers with wireless networks for data and voice and bar code data capture. Symbol products and services increase productivity and reduce costs for the world's leading retailers, logistics and transportation companies, government agencies, manufacturers and providers of healthcare, hospitality and security. More information is available at www.symbol.com and +1.800.722.6234 or +1.631.738.2400.

 In 2002, Symbol Technologies, Inc. acquired @pos Transaction Systems as a wholly-owned subsidiary.



Features	Benefits
Signature capture and virtual PIN pad (personal identification number)	Provides multiple payment options including credit and debit
Patented pressure-sensitive screen	Low maintenance and high uptime performance; eliminates replacement and repair costs for pens
Complete and easy to use iPOS software development toolkit	Seamless integration with major PC or POS platforms
Dual channel technology: IP connectivity via PCMCIA Type II card or onboard Ethernet	Provides simultaneous payment transaction processing and IP-based marketing applications, such as advertisements and promotions
Large and vibrant backlit color display	Easy to see in dim or well-lit areas; durability to withstand everyday all-day use
High-performance processor	Delivers the speed and performance required to support multimedia applications and multiple windows
Built-in 3-track magnetic stripe reader (MSR)	Ability to read a variety of magnetic stripe cards including credit and debit
AUX RS-232 port	Flexibility to connect peripherals, such as check readers, scanners, printers and more
Optional iPOS TC software suite based on OPOS and JPOS standards; C/C++, Java or Visual Basic programming languages	The tools you need for fast and easy development of applications
Optional Smart Card Interface (EMV Level 1 Certified)	Smart card read and write capabilities

iPOS TC Specification Highlights

Physical Characteristics

Dimensions:	9.0 in. L x 7.25 in. W x 2.88 in. H/230 mm L x 180 mm W x 70 mm H
Weight:	2 lb 6 oz/1.077 kg
Display:	High contrast, color backlit LCD
LCD Size:	4.5 in. L x 3.5 in. W; 5.7 in. diagonal/114.3 mm L x 88.9 mm W; 144.8 mm diagonal
LCD Resolution:	Color 1/4 VGA, 320 L x 240 W
Touch Pad:	Resistive, transparent, pressure sensitive technology
Touch Pad Resolution:	1024 x 1024 x, y coordinates; 207 Hori. x 286 Ver. dpi
Network Connectivity:	PCMCIA Type II adapter; onboard 10-Base T Ethernet
Power Requirements:	Regulated 12V DC, 1A rating
Power Source:	12V DC regulated, Domestic 120V AC input; 12V DC regulated from ECR; 12V DC, 1A rating Universal Power Adapter
Terminal Interface:	Auto detect and auto selection of RS-232 or RS-485; one RS-232 port; one RS-485 (supports IBM Tailgate protocol); one self-powered USB slave port (supports 3 endpoints); one aux port for RS-232 pass through

Performance Characteristics

Memory:	ROM: 8MB Flash Memory (expandable up to 32MB) RAM: 64MB SDRAM
Magnetic Stripe Reader:	Bi-directional 3 track reader
Security:	Triple DES or DES PIN Encryption with Master/Session or DUKPT for key management
Firmware:	Real time operating system: RTOS environment and PersonalJava Virtual Machine
Transaction applications:	posPortal

Peripherals and Accessories

@pos TC Software Suite (Optional):	posBuilder, posVisual, IBM 4690 SDK - Operating systems supported DOS, Windows 98/2000 and NT 3.51 or higher - IBM 4680/4690 Formats supported BMP and JPG for graphics SIG, CMP and VBC for signature - Object tools Support for VBX, ActiveX, OPOS and JPOS
Smart Card Interface (Optional):	ISO 7816 – 1, 2, 3, 4 synchronous and T=0, T=1 asynchronous cards; EMV level 1 certified

Regulatory

Electrical Safety:	CE, UL
EMI/RFI:	FCC Class A



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For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.



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