

iPOS 3100



Credit and Debit Card Point-of-Sale Transaction Processing System

TRANSACTION SYSTEMS

Integrated Credit and Debit Card Processing in a Compact, Rugged Device

The iPOS 3100 transaction system from Symbol Technologies decreases operation costs by streamlining transaction and back office processing in retail environments with integrated debit and credit card processing. The ability to locate any record in a few keystrokes enables credit card disputes to be resolved quickly, eliminating all the costs and time previously needed to locate the required paper receipts. And the ability to process debit cards enables faster transfer of funds, delivering dramatic savings on credit card fees. Signature capture, a built-in magnetic stripe reader (MSR), and a virtual PINpad for secure PIN entry allow data to be saved digitally and stored securely. The iPOS 3100 was originally developed by @pos, which was acquired by Symbol in 2002.

Supports your Marketing Efforts—Right at the Checkout Counter

The easy to use iPOS 3100 also supports your marketing and branding efforts—right at the checkout counter. The large backlit screen supports the display of line-item purchase detail, as well as advertisements, logos and other messages, enabling you to promote in-store specials as well as your brand at the point-of-sale.

Ideal for a Wide Range of Applications

The iPOS 3100 reduces the time and cost of transaction processing in many industries, in all types of applications, including:

- ▶ Retail: processing credit/debit transactions and extended warranty contracts
- ▶ Food and drug: signature capture for prescription pickup and privacy compliance
- ▶ Financial institutions: customer identification and loan processing
- ▶ Government: customer signature capture for identification and security applications
- ...and more.

For more information on how the iPOS 3100 can save your company time and money in transaction processing, visit

www.symbol.com/atpos

 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
DUKPT and Master/Session key management	Secures transmission of data throughout the entire transaction
Patented pressure-sensitive screen	Low maintenance and high uptime performance, eliminates replacement and repair costs for pens
Large monochrome display with backlighting; scratch and glare-resistant	Easy to see and use in dim or well-lit areas; durability to withstand everyday, all-day use
Built-in 3-track magnetic stripe reader (MSR)	Ability to read credit and debit cards
RS-485 and RS-232 ports	Integrates easily into a wide variety of legacy environments
Battery backup	Protects valuable data in the event of an interruption in power
Fully programmable display	The flexibility to display advertising, logos, line item detail of purchases and more
Optional Smart Card Interface (EMV Level 1 Certified)	Smart card read and write capabilities
Optional posBuilder software development suite	The tools you need for fast and easy development of custom applications
Compact form factor	Can be easily mounted on nearly any counter

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.

iPOS 3100 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 backlit monochrome 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:	320 L x 240 W
Touch Pad:	Resistive transparent, pressure sensitive
Touch Pad Resolution:	1024 x 1024 x, y coordinates; 207 Hori. x 286 Ver. dpi
Power Requirements:	370 mA @ 12 VDC unregulated
Power Source:	12V DC regulated, Domestic 120V AC input; 12V DC regulated from ECR; 12V DC, 1A rating Universal Power Adapter
Terminal Interface:	One RS-232 port; one RS-232 pass through; one RS-485 (supports IBM Tailgate protocol)
Magnetic Stripe Reader:	Bi-directional 3 track reader

Performance Characteristics

Memory:	Program: 512KB Data: 512KB
Security:	Secure PIN encryption, Master/Session or DUKPT for key management

Peripherals and Accessories

Optional posBuilder Software Development Tool:	Operating systems supported - DOS, Windows 98/2000 and NT 3.51 or higher - IBM 4690 Formats supported - BMP Object tools - Support for VBX, ActiveX and OPOS Onboard compression - 7:1 standard (decompression required at host)
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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.



Corporate Headquarters
Symbol Technologies, Inc.
One Symbol Plaza
Holtsville, NY 11742-1300
TEL: +1.800.722.6234/+1.631.738.2400
FAX: +1.631.738.5990

For Asia Pacific Area
Symbol Technologies Asia, Inc.
(Singapore Branch)
Asia Pacific Division
230 Victoria Street #05-07/09
Bugis Junction Office Tower
Singapore 188024
TEL: +65.6796.9600
FAX: +65.6337.6488

For Europe, Middle East and Africa
Symbol Technologies
EMEA Division
Symbol Place, Winnersh Triangle
Berkshire, England RG41 5TP
TEL: +44.118.9457000
FAX: +44.118.9457500

For North America, Latin America and Canada
Symbol Technologies
The Americas
One Symbol Plaza
Holtsville, NY 11742-1300
TEL: +1.800.722.6234/+1.631.738.2400
FAX: +1.631.738.5990

Symbol Website
For a complete list of Symbol subsidiaries and business partners worldwide contact us at:
www.symbol.com

E-mail
info@symbol.com



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