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Transaction Team[™] 3100 Series

Interactive Transaction Terminal

Continuing our commitment to innovative consumer activated e-transaction systems, the Transaction Team TT3100 Series streamlines point-of-transaction and back office operations, reduces costs, and improves customer service. This user-friendly, interactive device combines a split screen display, MSR, and signature capture capabilities, all in a single unit. The TT3100 Series supports both RS-232 and IBM RS-485 connectivity, automatically auto-configures to the correct protocol, and allows auxiliary RS-232 peripheral devices to pass data to the host transparently.

The TT3100 Series boasts a 4.5 x 3.3 inch (11.4 x 8.4 cm) LCD window – so large that it displays line item detail while simultaneously pointing to transaction promotions. The TT3100 is fully programmable for both text and graphics, and the easy-to-read backlit screen will display logos and ads and will administer customer surveys.

The TT3100 Series is PIN secure, using either DUKPT or Master/Session key management. If there is an interruption of power to the unit, battery backup protects valuable data from being lost. Because the TT3100 Series utilizes passive pen technology, the unit is virtually maintenance-free – there's never a need for expensive electronic pen replacement.

The TT3101 model offers an added benefit of a Screen Protector System with field-replaceable overlays. This feature extends the life of the display screen and offers protection from an occasional light exposure to water.

Ideal for the retail, hospitality, financial services, security, and ID markets, the TT3100 Series integrates easily with any PC or point-of-transaction system running on open operating systems, such as Microsoft[®] MS-DOS[®], Windows[®] 3.x, Windows 95[®], Windows 98[®], Windows 2000[®], and Windows NT[®] version 3.51 and higher. Customer applications are developed using an included TT3100 Series Software Suite.

Features & Benefits

Pressure-Sensitive Screen Technology

"Electronic ink" mirrors pen-and-paper experience, generating exact signature reproduction. Enables touch-screen PIN entry.

Large Backlit LCD Screen

Easy to read, displays store logo, ads, line items, and/or interactive survey; split screen capabilities.

Passive Pen Technology

Low maintenance - no expensive electronic pen replacement.

Fully Programmable Display

Allows customization of both text and graphics.

Integrated 3 track MSR (Standard)

Eliminates the need for additional hardware. Saves space and money.

Screen Protector System (TT3101 Standard)

Additional benefit of screen protection from abuse and water penetration.

Secure ISA Expansion Bus (Standard)

Allows for the addition of future peripherals.

Pin Secure

Secure for debit transactions using DUKPT or Master/Session key management.

RS-232, IBM RS-485 Connectivity

Multiple connectivity options to fit multiple operating environments with cable strain relief.

Durable

Rugged, long-lasting functionality. Hard coated silica/mylar touch screen. Chip resistant, flame retardant plastics.

Display/Signature Window

Signature Window:	Resistive, transparent, pressure-sensitive touch screen
LCD Size:	4.45 x 3.3 in. (11.3 x 8.4 cm) (Active area)
LCD Resolution:	320 x 240 dot
Touch Pad Resolution:	903 x 1238 ppi

Mechanical/Electrical

RS-232:	Using HDB15-DB9 cable and AC power adapter
RS-232 Pass-Through:	Using HDB15-DB9 host/DB9 Aux.Y cable with AC power adapter
RS-485:	Using HDB15-SDL cable using 9A, 9B, 4B connectors

Memory

ROM:	512KB
RAM:	512KB

Dimensions (reference)

Width:	7.09 in. (18 cm)
Length:	8.97 in. (22.8 cm)
Height:	2.79 in. (7.1 cm)
Weight:	1 lb., 11 oz. (756 g)

Power Requirements

Current Draw:	370 mA @ 12VDC
Source:	12V AC adapter, European and host-powered options also available

Optional TT3100 Series Software Suite

Operating Systems:	Microsoft® MS-DOS®, Windows® 3.x, Windows 95®, Windows 98®, Windows 2000®, Windows NT® 3.51 or higher
Formats Supported:	BMP, SIG, DIB, CGM, EPS, PCL, TIFF, TXT, NLC, WMF, PCX, and PLS
Object Tools:	Support for VBX, ActiveX, and VB add-in
Signature Processing:	Compression
Security:	Secure key injection, tamper-resistant security, inherently secure microcontroller
Onboard Encryption:	PIN Encryption, Master/Session key, DUKPT

Approvals and Certifications

Agency Conformance:	FCC Class A, CE, UL
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