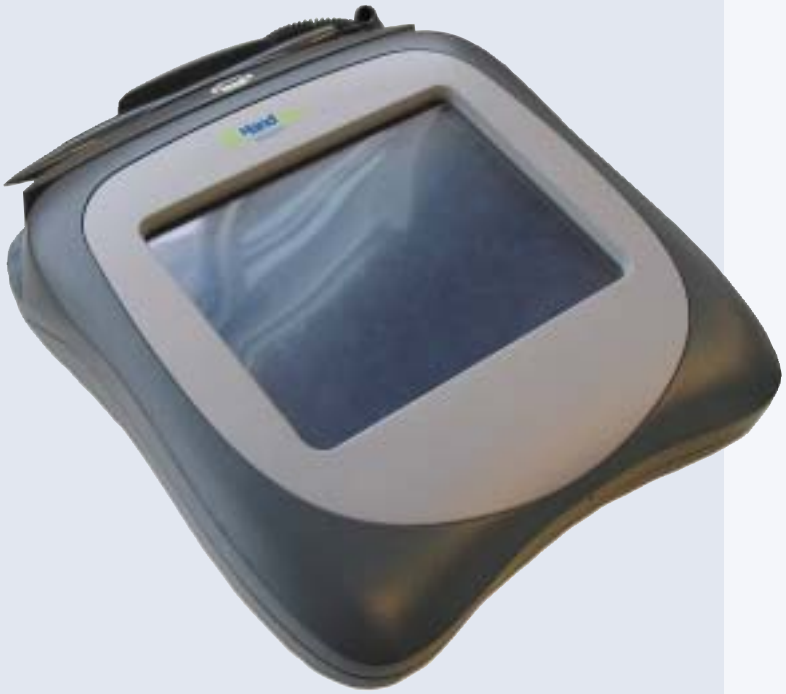
Transaction Team™ 8500

Interactive POS/Signature Capture Terminal



Features

Exciting Design - Functional and ergonomic design for fast, accurate transactions.

Card Reader - The bidirectional, 3-track magnetic stripe reader ensures a high read rate and customer ease-of-use.

True Finger Touch - A light finger touch or tap of the stylus is all that is needed to activate the TT8500.

Communication - Abundant choices for powerful connections to your legacy and state-of-the-art systems.

Ethernet Channel - Simultaneous communications to an Ethernet port off-loads high bandwidth transmissions.

Color or Monochrome LCD - Your choice of a vibrant color or crisp monochrome LCD gives impact to the messages you want your customers to notice.

Security - Visa® PED approved with a dedicated security processor. Customer PINs are secured with industry standard encryption.

Field Replaceable Screen Protector - Designed and tested for the retail environment with a low cost, passive, tethered stylus, and replaceable screen protector.

SDK – Build custom, secure applications using Hand Held Products' proven development environment.

Hand Held Products proudly introduces the revolutionary Transaction Team 8500 transaction terminal. Joining the Hand Held Products Transaction Team family of products, this state-of-the-art terminal offers unrivaled power, versatility, and value. POS payments, EBT, signature capture, and in-lane, targeted communications are enabled by the TT8500's fast processor and proven development environment.

The TT8500 comes standard with features that are not available or cost extra with other terminals. Powered USB, 4MB Flash, 16 MB of RAM, and a 3-track magnetic stripe card reader are standard. Choose a color LCD, additional memory, USB host, and 10/100 BaseT Ethernet factory options.

We know that the POS environment is tough on equipment. The touch screen is protected by our patented, replaceable screen protection system that limits wear and blocks intrusion of water and dust.

Not another gray box, the innovative design is ergonomic, durable, and friendly to use in a small footprint.

The Hand Held Products True Finger Touch with enhanced signature capture is intuitive and inviting. Customers can easily select buttons, key in PINs, and respond to prompts.

The TT8500 reads all three tracks from magnetic stripe cards in a bidirectional slot. This reliable card reader reduces training and confusion and speeds up transactions. PINs are protected with Master Session or DUKPT encryption under single or triple DES. The TT8500 is Visa PED approved.

To learn how the TT8500 can work for you, contact us at any of the locations listed on the back or visit us at **www.handheld.com**.

Transaction Team 8500 Specifications

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, 16 bit color (optional)
Touch Pad Resolution:	903 x 1238 ppi

Communications

RS-232:	4800 to 115.2 Kbps
RS-232 Pass-Through:	Using Aux. Y cable with AC power adapter
RS-485:	Using 9A, 9B, 4B connectors (no power adapter)
PC USB:	AC power adapter required
USB Hub Host:	5V DC power pass-through, support for USB 1.1 and 2.0 for up to 16 devices (optional port)
IBM Retail USB:	SurePOS compatible (no power adapter)
Ethernet 10/100 BaseT:	Optional port. Cable not supplied.

Memory

Flash:	4MB to 16MB
SDRAM:	16MB to 64 MB

Dimensions (reference)

Width:	7.3 in. (18.5 cm)
Depth:	7.56 in. (19.2 cm)
Height:	2 in. (5.1 cm)
Weight:	2 lb. (.9 kg)

Power Requirements

Current Draw:	700 mA @ 12VDC
Source:	120V AC adapter or powered host terminal port

Optional Software Development Kit

Operating Systems:	Microsoft® Windows® 2000, Windows® XP, Windows NT® 3.51 or higher, IBM 4680/4690 OS, Linux (limited)
Graphics Supported:	BMP, CGM, DIB, EPS, MF, PCL, PCX, PLS, JPG, and TIF.
Development Tools:	OPOS, JPOS, and TTAdvantage88 (VB add-in)

Processor

32 Bit Intel Processor

Signature Processing

Compression:	SIG - 5:1 (default), VBC - 4:1. NLC - 5:1, CMP - 10:1
Average File Size:	SIG - 1600 bytes, VBC - 500 bytes, NLC - 400 bytes, CMP - 200 bytes

Security

Hardware Features:	Secure key injection, tamper response, dedicated security processor
Firmware Authentication:	File authentication (SHA1 and RSA at 1024 bits)
Encryption:	PIN Encryption, Master/Session key, DUKPT, single and triple DES 64 and 128 bit keys

Approvals and Certifications

Agency Conformance:	FCC Class A, CE (LVD), UL 1950, CSA 22.2, Visa PED Class A

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CE Complies with EMC 89/336/EEC

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