Transaction Team™ 8810
Interactive POS/Signature Capture Terminal

HHP

Continuing our commitment to innovation in consumer-activated transaction systems, HHP offers the Transaction Team (TT)8810. This powerful, ergonomic, and versatile device is at home at the point of sale, service desk, or anywhere high function applications are needed.

POS payments, EBT, signature capture, and in-lane, targeted communications are enabled by the TT8810's fast processor and proven development environment.

The TT8810 comes standard with features that cost extra with other terminals. USB, 4MB Flash, 16 MB of RAM, and a 3-track magnetic stripe reader are standard. Choose a color LCD, additional memory, smart card, or 10/100 BaseT Ethernet factory options.

We know that the POS environment is tough on equipment. The TT8810 is drop tested to concrete and engineered to operate where other terminals cannot. 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. The TT8810 can be customized to your company's identity with logo and color options.

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

The TT8810 reads all three tracks from magnetic stripe cards and smart card chips in a single slot. The advanced insert card reader reduces training and confusion and speeds up transactions.

PIN's are protected with Master Session or DUKPT encryption. The exclusive HHP security indicator tells the customer when it is safe to enter their PIN.

To learn how the TT8810 can work for you, contact us at any of the locations listed on the back or visit us at **www.hhp.com**.

Features

Exciting Design - Functional and ergonomic design with custom color options.

Card Reader Options - Choose a 3-track MSR, or a hybrid MSR plus smart card reader.

True Finger Touch - A light finger touch or tap of the stylus is all that is needed to activate the TT8810.

POS Communication - Abundant choices include RS-232, RS-485 (IBM Tailgate), PC USB, IBM USB, and 10/100 BaseT Ethernet for host terminal communications.

Advanced Data Router - Dynamically configure multi-port communications between USB, RS-232, Ethernet, and Aux RS-232. Manage multiple devices through one or more communications ports.

Ethernet Channel - Simultaneous communications to an Ethernet port off-loads high bandwidth transmissions. All POS commands are also available for "stand beside" operation.

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

Security - EMV and Visa® PED approved, with a dedicated security processor. Customer PINs are secured with industry standard encryption. Downloads are authenticated with public key infrastructure (PKI).

Rugged - Designed and tested for the retail environment with a low cost, passive, tethered stylus, and screen protector.

Upgrade your image.

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
IBM Retail USB:	SurePOS compatible (no power adapter)
Ethernet 10/100 BaseT:	Optional port. Cable not supplied.

Memory

Flash:	4MB to 16 MB
SRAM:	16MB to 64 MB

Dimensions (reference)

Width:	9.75 in. (24.8 cm)
Depth:	8.25 in. (21 cm)
Height:	2.95 in. (7.5 cm)
Weight:	2.4 lb. (1.1kg)

Power Requirements

Current Draw:	900 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)
Formats Supported:	BMP, CGM, DIB, EPS, MF, PCL, PCX, PLS, and TIF.
Object Tools:	Support for VBX and ActiveX

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
Approvals:	Visa PED and EMV Level 1

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, DES 64 and 128 bit, single and triple DES

Approvals and Certifications

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

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C€ Complies with EMC 89/336/EEC