

# T4220

MERCHANT ACTIVATED

EQUINOX  
PAYMENTS

## IP Performance + Superior Security

The T4220 from Equinox Payments is designed for merchants demanding unrivaled IP transaction and download speeds combined with rock-solid security. This robust payment system comes standard with integrated PCI PTS-approved PIN entry capability and the piece of mind that comes with our proprietary Equinox Secure Architecture™ that provides unparalleled security for your transactions.

The T4220 includes 24MB of total memory, a powerful ARM9 processor for fast transactions, the ability to support multiple applications and a proprietary IP diagnostics application that clearly communicates when an error has occurred and—more importantly—how to fix it!

## Competitive advantages

Like the entire T4200 family, the T4220 payment terminal offers a number of innovative features to help “future proof” your investment:

### Advanced Security

- PCI PTS approved
- Equinox Secure Architecture™ provides high-powered protection against any unauthorized loading of applications
- Fully compatible with all standard point-to-point encryption schemas

### Superior Application Architecture

- Remote terminal management suite

### Remote Key Injection

- Safe, secure and fully certified solution for remotely loading symmetric keys



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## PROCESSOR

- 32-bit ARM9 processor

## DISPLAY

- FSTN LCD with graphics
- **Resolution:** 160 x 80 pixels
- Graphics capable, white LED, backlit

## CARD READER

- **Magnetic stripe:** Bidirectional, tracks 1, 2, & 3
- **Chip card reader:** Optional, EMV4.0 Level 1 & 2 ISO 7816
- Up to 3 SAM slots

## SECURE PIN ENTRY

- 19-button PCI PTS-approved keypad
- 6 navigation buttons
- Optional privacy shield
- ADA-style markings

## COMMUNICATIONS

- **Primary:** 10/100 Base-T Ethernet
- **Modem:** V.34/33.6Kbps
- **Ports:** RS-232 for peripherals, PIN port for optional external PIN pad

## PRINTER

- SureLoad® clamshell design, drop-in loading, thermal technology, 384 dots per line
- **Speed:** 15+ lines per second
- **Paper roll:** 2.25-inch, 50mm max. diameter

## ENCRYPTION

- PCI PTS approved
- **Triple DES:** ANSI X9.52, PIN-ANSI X9.8, MAC-ANSI X9.9 Part 1-ANSI X9.24
- **Key management:** DUKPT, Triple DES DUKPT and Triple DES master/session keys

## APPROVALS

- PCI PTS
- EMV Level I & II
- Interac certified
- MasterCard PTSP approved
- RoHS compliant

## COMPLIANCE

- FCC ID
- CB
- CE
- C-Tick
- IC ID
- UL/cUL

## MEMORY

- **Standard:** 8MB Flash; 16MB SD-RAM
- **SRAM (non-volatile):** 512K
- **SRAM Backup:** 5-year battery

## DIMENSIONS

- 8.1" (l) x 3.6" (w) x 2.3" (h)
- 20.6 cm (l) x 9.14 cm (w) x 5.8 cm (h)
- **Weight:** 1.06 lbs./0.48 kg

## POWER

- **AC:** 100-240 V, 50/60 Hz
- **DC:** 7.5V, 2.8A

## TERMINAL ESTATE MANAGEMENT SERVICES

- Standard 1-year manufacturer warranty
- Additional extended service offerings
- The PremierGreen™ Recycle Program enables retailers to discard obsolete payment terminals securely, economically and in an environmentally safe manner

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