



T4220

With both high-speed dial and Ethernet IP as standard, accepting card payments with the T4220 using either a telephone line or broadband connection couldn't be simpler.

- **Powerful.** 32-bit ARM9 processor
- **Fast.** V.34 modem standard, IP downloads as fast as 2 minutes
- **Adaptable.** Full multi-application
- **Secure.** Meets all security standards - creates merchant retention
- **Easy-to-use.** Help menus, IP diagnostics, single user interface and development toolkit
- **Value.** Integrated PCI PED approved PIN entry capability
- **Flexible.** Hand-over design with disability friendly key layout

T4220

SIMPLE, EASY-TO-USE FEATURES

- Thermal printer design with clear lid alerts to low paper conditions. The simple drop-in loading virtually eliminates paper jams and the large paper roll means more receipts between changes
- Large, easy-to-use, 19-key layout allows for easy key recognition. The Clear, Enter, Cancel and "5" keys provide tactile feedback for visually impaired customers
- Slim form factor makes it perfect for handover installations
- Colour-coded port labels simplify service and support
- Industry-leading software includes the functionality necessary to introduce value-added opportunities to merchants

FAST, TIME-SAVING PERFORMANCE

- Graphics-capable thermal printer allows merchants to print logos and coupons directly at the point of service
- V.34 modem allows you to place this unit first with dial and later add IP but retain the assurance of dial backup
- The ARM9, 32-bit processor provides speed and functionality. It delivers four times the processing power and speed of an ARM 7 processor

HIGH VALUE

- With 24MB standard memory, the T4220 easily handles software size increases due to regulatory requirements as well as the addition of value-added applications
- Every T4220 family model is PCI PED approved for PIN transactions and simplifies PCI DSS accreditation
- The bright, white backlit display utilizes superior display technology to achieve a sharper image for maximum visibility
- A PIN pad and contactless card / NFC reader can be connected using the peripheral ports to provide more payment choices
- Secure design meets the most stringent security regulations in the industry, including PCI PED. The T4220 architecture provides the ultimate protection against any unauthorized loading of applications.

PROCESSOR

- 32-bit ARM9

KEYPAD

- 19 buttons; PCI PED approved; water splash resistant
- 6 navigation buttons
- Disability markings

DISPLAY

- FSTN LCD with graphics • 160 x 80 resolution
- White LED, backlit

CARD READER

- Magnetic stripe: Bi-directional, Tracks 1, 2, & 3
- Chip card: EMV4.0 Level 1 & 2, ISO 7816

COMMUNICATIONS

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

PRINTER

- Drop-in loading, thermal technology, 384 dots per line
- 15+ lines per second
- Paper roll: 50mm diameter

MEMORY

- Total: 24MB
- Flash: 8MB
- SDRAM: 16MB
- SRAM (non-volatile): 512K
- SRAM Backup: 5-year battery

POWER

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

ENCRYPTION

- PCI PED 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

FOOTPRINT

- 91.44mm(w)x205.74mm(l)x58.42mm(h)
- 0.48 kg

ENVIRONMENT

- Temperature: 0-45°C
- Humidity: Max 85%, non-condensing • ESD: 12,000 volts



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