

Optimum T4210

VeriFone's Optimum T4210 is a dial solution with features normally found only in IP and wireless models – including 24MB of total memory, an ARM9 processor for fast transactions and multi-application. It's PCI PED approved for debit and accepts chip card with optional EMV approved reader – making it ideal for magnetic stripe and chip card transactions worldwide.



OPTIMUM PERFORMANCE MAXIMUM VALUE



Simple, Easy-To-Use Features

- SureLoad® thermal with clear lid alerts cashiers to low paper conditions
- Simple drop-in loading virtually eliminates paper jams and large paper roll means more receipts between changes
- Large, ADA-style, 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
- Color-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 provides superior performance for faster downloads and faster data transfers
- The ARM9, 32-bit processor provides speed and functionality – with four times the processing power and speed of an ARM7 processor used in competitive devices

Value That Pays

- Depot-upgradeable, modular communications provide a flexible platform with investment protection and are easy to replace for faster service
- 24MB standard memory – more than competitive devices in its class – so it can easily handle software size increases as well as the addition of value-added applications
- PCI PED approved for PIN transactions
- Bright, white backlit display utilizes superior technology to achieve a sharper image for maximum visibility
- Check imagers, PIN pads and contactless check readers can be connected using the peripheral port to provide more payment choices
- Secure design meets the most stringent security regulations in the industry, including PCI PED
- The HyperSafe® 32 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
ADA-style 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: Optional; EMV4.0 Level 1 & 2, ISO 7816
Three SAM slots

Communications

Primary: Dial
Modem: V.34/33.6Kbps
Ports: RS-232 for peripherals, PIN port for external PIN pad

Printer

SureLoad® clamshell design, drop-in loading, thermal technology, 384 dots per line
15+ lines per second
Paper roll: 2.25", 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

Security

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

Physical

3.6 in (w) x 8.1 in (l) x 2.3 in (h)/91.44 mm (w) x 205.74 mm (l) x 58.42 mm (h)

Weight

1.06 lbs / 0.48 kg

Environment

Temperature: 0-45°C/32-115°F
Humidity: Max 85%, non-condensing
ESD: 12,000 volts

Optimum T4220

The Optimum T4220 countertop is one of the most capable IP and dial payment devices in the industry today. Along with unrivalled IP transaction and download speeds, it features VeriFone's unique IP diagnostics application that clearly tells the user where an error occurs – then how to fix it. And with PCI PED approved PIN entry capability, it meets the most stringent security regulations in the industry.

Top Countertop

Simple, Easy-To-Use Features

- SureLoad® printer design with clear lid alerts cashiers to low paper conditions
- Simple drop-in loading virtually eliminates paper jams and the large paper roll means more receipts between changes
- Large, ADA-style, 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
- Color-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 merchants to place this unit as a dial first – IP later and gives the assurance of dial backup to IP
- The ARM9, 32-bit processor provides speed and functionality – with four times the processing power and speed of an ARM7 processor used in competitive devices.

Unsurpassed Value

- Depot-upgradeable, modular communications provide a flexible platform with investment protection and are easy to replace for faster service
- 24MB standard memory – more than competitive devices in its class – so it can easily handle software size increases as well as the addition of value-added applications
- PCI PED approved for PIN transactions
- Bright, white backlit display utilizes superior technology to achieve a sharper image for maximum visibility
- Check imagers, PIN pads and contactless check readers can be connected using the peripheral port to provide more payment choices
- Secure design meets the most stringent security regulations in the industry, including PCI PED
- HyperSafe® 32 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
ADA-style 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: Optional; EMV4.0 Level 1 & 2, ISO 7816
Three SAM slots

Communications

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

Printer

SureLoad® clamshell design, drop-in loading, thermal technology, 384 dots per line
15+ lines per second
Paper roll: 2.25", 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

Security

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
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