

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.

# OPTIMUM T4220

## 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 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

[www.verifone.com](http://www.verifone.com)

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