

VeriFone's Optimum M4230® is a unique mobile device that offers GPRS connectivity in a compact design. It incorporates a removable, extra long-life battery for extended use between charges. And can be re-charged by connecting the charger directly into the device or through an optional charging dock that includes dial backup. It's wireless simplified.

# OPTIMUM M4230

## User-Friendly Features

- Large, ADA-style, 19-key layout allows for easy key recognition
- 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

## Fast, Time-Saving Performance

- GSM/GPRS technology enables an always on connection for merchants to process transactions anywhere, anytime
- V.34 modem available via optional charging dock
- The ARM9, 32-bit processor, provides speed and functionality with four times the processing speed of an ARM7 processor used in competitive devices

## Advanced Printing, Easy Operation

- Graphics-capable thermal printer ideal for printing logos and coupons directly at the point of service
- SureLoad® thermal 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

## So Many Advantages, So Much Value

- Depot-upgradeable, modular communications provide a flexible platform that can quickly evolve as market requirements emerge
- 24MB standard memory – more than any device in its class – so it easily handles software size increases due to regulatory requirements as well as new applications
- Every M4200 family model is 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 readers can be connected using the peripheral RS232 port on the device or the optional charging dock for more payment choices
- Secure design meets the most stringent security regulations in the industry, including EMV, Interac and PCI PED
- Extra long-life, removable battery meets the most demanding mobile requirements



### Processor

32-bit ARM9

### Keypad

19 buttons; PCI PED approved; water splash-screen resistant  
6 navigational buttons  
ADA-style markings

### Display

FSTN LCD with graphics  
160 x 80 resolution  
White LED, graphics capable; backlit

### Card Reader

Magnetic stripe: bi-directional, Tracks 1, 2 & 3  
Chip card: Optional; EMV4.1 Level 1 & 2, ISO 7816  
Up to three SAM slots

### Communications

Primary: GSM/GPRS  
Modem: V.34/33.6Kbps via docking station  
Ports: RS-232 for peripherals

### Printer

SureLoad clamshell design, drop-in loading, thermal technology, 384 dots per line  
15+ lines per second  
Paper roll: 2.24", 50mm diameter

### Memory

Flash: 8MB  
SDRAM: 16MB  
SRAM: 512 KB (non-volatile)  
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

3.62 in (w) x 8.24 in (l) x 2.59 in (h)  
91.95 mm (w) x 209.3 mm (l) x 65.79 mm (h)

### Weight

1.34 lbs / .60 kg (Device only)

### Environment

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

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