



M4240

Spire's M4240 is a powerful Bluetooth terminal for ultimate functionality in a compact portable design for virtually any installation. The M4240 provides unrivalled usability with a long 28m paper roll and high capacity, quick charge battery for up to 300 transactions on a single charge.

- **Powerful.** 32-bit ARM9 processor with extended range Bluetooth technology
- **Fast.** Bluetooth with separate Access Point supporting IP and/or PSTN dial
- **Adaptable.** Full multi-application capability
- **Easy-to-use.** Disability friendly key layout and integrated PCI PED approved PIN pad
- **Reliable.** Designed to withstand retail environments
- **Secure.** Designed for card payments stringent security regulations

M4240

SIMPLE, EASY-TO-USE FEATURES

- 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 and portability
- Colour-coded port labels simplify service and support
- 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

FAST, TIME-SAVING PERFORMANCE

- Graphics-capable thermal printer allows merchants to print logos and coupons directly at the point of service
- The latest Bluetooth technology ensures exceptional range and coverage in all environments
- Bluetooth enabled Access Point features IP and / or dial communications for secure direct pairing that can be mounted anywhere for maximum coverage
- A separate optional charging dock from the Access Point offers extra convenience
- The ARM9, 32-bit processor provides speed and functionality. It delivers four times the processing power and speed of an ARM7 processor

HIGH VALUE

- With 24MB standard memory, the M4240 easily handles software size increases due to regulatory requirements as well as the addition of value-added applications
- Every M4200 family model is PCI PED approved for PIN transactions
- The bright, white backlit display utilizes superior display technology to achieve a sharper image for maximum visibility
- Secure design meets the most stringent security regulations in the industry, including PCI PED. The M4240 architecture provides the ultimate protection against any unauthorized loading of applications and safeguards your investment.

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: Class 1 Bluetooth
- Ports: RS232 for peripherals
- Access point: RS-232 for pairing, V.90 dial or IP

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

- 91.44 mm (w) x 205.74 mm (l) x 58.42 mm (h)
- 0.59 kg

ENVIRONMENT

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



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