

◦ Miura MB400 – Powering Payments

Miura's unique design concept for the M-Series of payment terminals emphasise our in-depth knowledge of market requirements. This has been blended with the application of practical expertise gained from years of servicing and maintaining tens of thousands of installed payment devices.

More than ever people expect the freedom of mobility in all aspects of life. In the world of payments this requirement has to be carefully matched with security and reliability. It then has to be delivered at a price point which is desirable. No easy challenge but Miura's design team started with a clean page and took a fresh look.

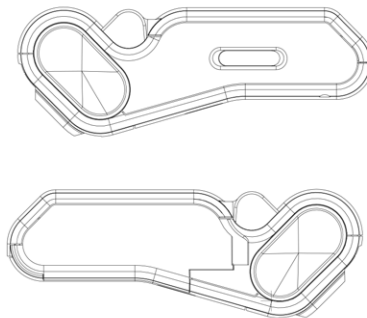
Featuring options for WiFi, GPRS and Bluetooth communications variants the M-Series punches well above its very light 275g weight. The lightest and smallest device on the market - welcome to the M-Series from Miura.

Performance

The powerful MSCLE™ Operating System is based on a fast 400 Mhz Arm processor. Combining this with 256mb of memory delivers power and capacity in abundance for running multiple applications. The MSCLE™ Operating System maintains optimum use of resources and security control.

Security

A fundamental and core competence at Miura Systems the M-Series has undergone rigorous testing and development to ensure compliance with all the latest security measures and best practice. The M-Series is both PCI PTS 3.0 & UKCC Certified.



Design

The unique clam shell lid provides additional protection from environmental damage. The hinged lid also provides a security shield for the cardholder. An integrated printer ensures compliance with card scheme rules delivered within a small footprint which exemplifies Miura's MSME™ (minimise space maximise efficiency) design ethos. Clean lines, even with the housing of a secure magnetic swipe, which is cleverly concealed within the clam lid make the M-Series very easy to hold and operate.

Miura Revive™ – Unique System Restore Feature

Introducing **Miura Revive™** – A unique Operating System feature which allows a merchant to induce a structured “revival” with the aim of restoring functionality in the quickest and most cost effective way. This unique feature maximises uptime in the store and eliminates costly No Fault Found product returns to service centres.



Communications Bluetooth

A commonly used payment protocol in Europe Bluetooth provides secure and reliable coverage up to an impressive 100m in basements and areas where it can be difficult to penetrate with other WiFi solutions. Combining with Tablets, Mobile Phones or Laptops this allows for the lowest cost provision of secure, data encrypted, connectivity for the retailer, micro merchant or business person on the move.

GPRS

If you don't want to authorise via a separate device then a fully functional GPRS variant uses either traditional or “on board” SIM to connect directly over your choice of network to the Acquirer.

WiFi

Connect via personal Mifi* or managed WiFi networks this increasingly ubiquitous preference provides fast and secure communications.

*MiFi Personal Network supplied by some networks provides a GPRS/WiFi modem allowing the user to create his or her personal WiFi network wherever they may be operating. Contact your preferred network provider for further details.

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Processor	Secure 32-bit ARM9 microprocessor
Operating System	Linux™
Memory	256Mb NAND Flash 64Mb DDR RAM 2 Kbytes Secure NV RAM
EMV	EMV Level 1 & Level II Certified (Level II off-line / on-line PIN support)
Smart Card Reader	ISO 7816 T=0 & T=1 Rated 500,000 Insertions Illuminated Smart Card Entry Indicator ISO 7816 T=0 & T=1 (Synchronous/Asynchronous)
Magnetic Stripe Reader	Triple Track (1, 2 & 3), Hi-Coercivity, Bi-Directional Secure Magnetic Stripe Reader Feature
Keypad	5 Rows x 3 Columns 0-9 (Alpha-Numeric Legend) CNL (RED) + ENT (Green) Keys X3 Function Keys (including Power Off/On)
Display	STN grey 132 x 64 Pixel Graphic Display 22 x 4 Characters (Standard Font) Backlit (White)
Peripheral Ports	Micro A/B USB connection – (On-The-Go for communication with a USB host (PC) or a USB device).
Power Supply	5V from USB host, standard USB charger, or cradle option
Power Adapter	Fully Supports GSMA Universal Charging Solutions
Printer	Thermal, Clamshell Design – Easy Drop and Load paper mechanism Tally Roll: 57mm x30mm (Coreless)
Battery	Fully-integrated Li-ion cell Standby Time : Approximately 5-7 Days
Communication	Bluetooth® (Class 1)
Environmental	Storage Temperature: -20°C to + 60°C Operating Temperature: -20°C to + 50°C Humidity: 5% to 90 % non-condensing
Physical	L 147 x W 79 x D 53 Weight : 275 grams (Approx)
Security	PCI PTS V3.0 Certified UKCC Certified MasterCard TQM 3Des Encryption Master/Session & DUKPT Key Management Remote Key Injection P2PE & Tokenisation Agnostic



For more information please contact your Integrator, VAR, Distributor or Miura Direct at www.miurasystems.com



Miura M-Series – Changing the Way People Pay

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