

MPC 104 SYSTEM

GENERAL TECHNICAL DATA

CABINET AND PEDESTAL

Dimensions (HxWxD)	1670 x 410 x 300 mm (65.7" x 16" x 11.8")
Construction	2 mm (0.08") stainless steel SS-EN2333
Vault design	
– Door	2-door security design
– Side steel	3 mm (0.118 ")
– Cash vault door	4 mm (0.16") armoured steel
– Locking plates	6 point locking mechanism Drill protection
Weight	75–85 kg (165–187 pounds)
Paint	Powder coated with anti-graffiti paint
Compliance	EN12414

ENVIRONMENTAL CONDITIONS

Operating temp.	
– Solar	–15 °C to 60 °C (0 °F to 140 °F)
– Mains with heater	–35 °C to 60 °C (–31 °F to 140 °F)
Relative humidity	Up to 95 %

ELECTRICAL DATA

Power consumption	230 V / 115 V
– Mains operation	0.2 A / 0.4 A
– One heater	0.5 A / 1 A
– Two heaters	1 A / 2 A
Battery operation	12 V DC *
Solar operation	10.5 W to 20.5 W **



DATA

Data storage	512 KB static RAM
Transactions storage	Up to 16 MB
Transaction backup	5000 latest transactions

INTERFACES

Standard	2 x RS232, 2 x PC card slots
Optional	1 x RS232, 1 x RS485 8 relay input circuits 8 relay output circuits

PAYMENT

Magstripe cards	Swipe and insertion readers
Chip/smart cards	Supported
Coin verifier	15 coin types, 3 tolerance ranges
Coin slot	Unique mechanical coin slot shutter with inductive loop.
Escrow volume	0.2 l (6.8 ounces)
Coin box volume	4.6 l (155 ounces), with SW-controlled overflow protection

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OPERATION

Push buttons	Magnetically actuated Reed switches
Keypad	Internal: Mechanical-stroke External: Piezo
Display	2 x 20 characters Light sensor 2 programmable LEDs – Yellow (warning) – Red (alarm)

RECEIPT PRINTER

Printer type	Thermoelectric
Capacity	Up to 9000 per refill
Characters	Proportional font, up to 80 char/line
Paper cutter	Complete cutting
Take ticket sensor	Optional

COMMUNICATION

GPRS, GSM, PSTN	All supported
Type of data	Transactions, blacklists, tariffs, parameters, statistics, alarms, etc.

NETWORK

No. of nodes	Up to 10
Applications	MEMO and Real-Time Payment (shared database)

CENTRAL ADMINISTRATION

Software	PC workstation and web based back-office applications
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*) Period of operation depends on ticket purchase volumes.

***) Operation time on battery depends on the size and position of the solar panel and the geographical location.

Specifications are subject to change without notice.



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