MP 104

TECHNICAL DATA

Cabinet and pedestal

Dimensions (HxWxD)	1 630 x 470 x 295 mm (64.2" x 18.5" x 11.6").
Weight	105/110 kg (232/243 pounds).
Construction	
- Roof/back: SS-EN2333.	3 mm (0.12") stainless steel
- Sides: steel.	2 mm (0.08") LDX stainless
Vault design	
– Side steel	3 mm (0.12").
– Cash vault door	6 mm (0.24") armoured steel.
– Locking plates	6 point locking mechanism. Drill protection.
Compliance	EN12414

Environmental conditions

Operating temp.

– Solar	–15 ºC to 60 ºC (0 ºF to 140 ºF).
– Mains with heater	–35 ºC to 60 ºC (–31 ºF to 140 ºF).
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	13 W to 25 W **

Data

Data storage	1024 KB static RAM.
Transactions storage	Up to 16 MB.
Transaction backup	5000 latest transactions.

Interfaces

Interfaces, standard	2 x RS232, 2 x PC card slots.
Interfaces, optional	1 x RS232, 1 x RS485. 8 relay input circuits. 8 relay output circuits.

*)   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.

CALE

Payment

Magstripe cards	Swipe and insertion readers.
Chip/smart cards	Supported.
EMV	Chip no PIN/Chip&PIN supported in various contries.
Coin verif er	15 coin types, 3 tolerance ranges.
Coin slot	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 overf ll protection.

Operation

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

Receipt printer

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

Communication

GPRS Supported.	
LAN Supported.	
Type of data	Transactions, blacklists, tariffs, parameters, statistics, alarms, etc.

Network

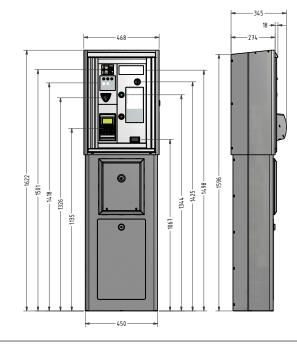|	
No. of nodes	Up to 10.
Applications	MEMO and real-time payment (shared database).

Cental administration

Software Cale	WebOff ce, hosted Software as a Service (Saas) solution.

Measurements (in mm)

Specifications are subject to change without notice.