



The CPM 2030 is a high-speed thermal printer for printing tickets with bar code as an information carrier

50, 54, 60, and 63 mm paper width
25-156 mm ticket length
100 mm/second printing speed
Reliable cutter

professional
printer
solutions

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CPM 2030 Ticket printer

The CPM 2030 is a high-speed ticket printer for printing of admission and event tickets.

It prints text, graphics, and bar-codes, then finally it cuts the ticket, all within a second.

The CPM prints on sturdy paper or laminate from 0.18 mm up to 0.40 mm, taking both fan-fold or roll ticket stock. The short time to issue a ticket in combination with the high reliability makes it suitable for demanding applications with vast ticket volumes in a short period of time.

The flexible concept makes CPM suitable for ticket widths between 50 and 63 mm (51 mm print width), and lengths between 25 and 156 mm. The length can be free running, or controlled by black marks or cut-outs on the ticket stock.

Fixed sensors for ISO credit card size (54 x 86 mm), and credit card size with tear of tab (54 x 86 mm).

Both desktop printers and OEM mechanisms are available.

GENERAL

Printer control	Plain text, logotype, and bar code commands
Text handling	One fixed pitch and one proportional font Maximum 4 fonts can be used (custom designed fonts stored in firmware PROM).
Bar codes	Code 39, Code 128, EAN 13 / UPC, EAN 128, and 2-of-5 interleaved
Print method	Direct thermal line printing
Resolution	Selectable between: 7.52 x 5.7 dots/mm (191 x 145 dpi) or 7.52 x 8.5 dots/mm (191 x 216 dpi)
Print speed	100 mm/s
Print width	51.06 mm (348 dots)
Interface	RS-232 serial

PAPER SUPPLY

Paper type	Fan-fold or roll paper
Roll size	Up to Ø 260 mm
Ticket width	50, 54, 60, or 63 mm
Ticket thickness	0.18 to 0.40 mm
Ticket length	Fixed at 86 mm or 110 mm, variable between 25-156 mm
Synchronization	Black mark/cutout-controlled length for synchronization with preprint
Ticket separation	Guillotine cutter
Presenter operation	Drop down ticket exit
Sensors	Optical sensor: Out of paper/black mark, and fixed length sensors. Micro-switch sensor: Cutter home position

Application examples

- Sports arenas
- Race tracks
- Theaters and cinemas
- Parking
- Mass transport
- Tolls

MISCELLANEOUS

Environment	0 to +40°C, 35 to 75% RH, non condensing
Size	OEM Mechanism: 130 x 140 x 240 (W x H x D) excl. optional ticket output tray Desktop printer: 215 x 240 x 280 (W x H x D) excl. ticket output tray
Weight	OEM Mechanism: 3 kg. Desktop printer: 6.1 kg
Typical throughput	One second per ticket (print, cut, and present of an 86 mm ticket) excl. Data transfer time
Power requirements	OEM Mechanism: 24Vdc ±5%, average 2A while printing, peak 10A. 5Vdc ±5% 0.7A

LIFE EXPECTANCY

Printhead	1 million tickets (typically)
Cutter	1 million tickets (typically)
Control board	65 000 hours (typically)
MTBF	500 000 tickets (typically)

Specification subject to change without notice



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