



Technical data

Print method	Direct parallel thermal printing on credit card sized tickets.
Resolution	7.52 x 5.7 dots/mm.
Print Speed	Up to 100 mm/second.
Printable elements	ASCII characters. Bit map graphics. Bar code printing. Flexible command structure permits individual line orientation, background printing, up to 16 times horizontal and vertical font scaling.
Buffer capacity	128 Kbyte battery backed-up SRAM page memory permits storage of recurring information. Messages can be split into fixed and variable information.
Magnetic encoding	Software selectable ISO or bit-bit format encoding on one or two tracks (75 or 210 bpi). High or low coercivity. Read-after-write function. Programmable cancellation routine.
Interface	RS-232 serial, 9 600 or 19 200 bps. Hardware or software (XON/XOFF) handshaking.
Ticket entries	Double ticket stock entries, can be used for either: <ul style="list-style-type: none"> - two software selectable fan-fold or roll ticket stock tracks or - one consecutive-ticket or card dispenser entry, and one single ticket entry (on rear or on front).
Ticket material	0.18—0.40 mm paper, Triplex (laminate), or plastic (factory adjustment required). Ticket length, 86 or 110 mm, or controlled by blackmark.
Ticket separation	Automatic cut off from fan-fold and roll ticket stock.
Supply voltage	115 or 230 VAC, 47—63 Hz for stand alone versions, 24VDC and 5VDC for OEM mechanisms.
Throughput	Depends on ticket length and split between fixed and variable data. Appr. 3 seconds/ticket for 86 mm length.
MTBF	500 000 tickets (thermal head, read and write heads, cutter).
Dimensions	Stand alone: 215 x 160 x 265 mm (WxHxD). OEM mechanism: 135 x 143 x 245 mm (WxHxD).
Weight	7 200 g



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Open sesame!



Swecoin's TTPM2 ticket printer/encoder is your solution for ticket management with easy administration, low cost, high security and great versatility.

Three seconds. That's all the time it takes for TTPM2 to generate a finished ticket with printed information on one side and magnetic codes on the other. And since it can read magnetic codes, too, the TTPM2 is a complete ticket administration system. It is an efficient tool for high throughput events, and equally convenient for smaller-scale use.

Much more than just a ticket

Tickets have no value until they are printed out, an advantage from the standpoints of both storage and security. TTPM2 is currently in use by trade fair organizers, museums, mass transport companies and sports stadiums around the world. But this printer is far more versatile than that. TTPM2 is suited to a wide range of applications requiring personalized, multi-function tickets. Shipping companies use it to print combination tickets, boarding cards and room keys.

Access prohibited

TTPM2 has also proven an effective access control system for companies, public agencies and other institutions, able to handle any problem that might arise. The cards printed out for visitors can include information such as permissible visiting hours and areas the individual visitor has access to.



We customize TTPM2 to meet your needs

TTPM2 is available either as a stand-alone unit or a ready-to-install module for use in various types of ticket machines and self-service terminals. The software can be customized to meet individual needs, such as special security requirements.

TTPM2 has two ticket sizes: 54 x 86 mm (standard size of a credit card) and 54 x 110 mm. There are two ticket tracks, permitting use of tickets with different preprinting. Text can be rotated in 90° steps at printout. For loose tickets, there are card feeders holding 200 or 1000 tickets.

TTPM2 is also available with a monitoring system with a front-side feed mechanism, accessible to the client by entering a card, and a disposal function that cancels and disposes of invalid tickets.



Installations

- SemaGroup, UK, Passenger tickets
- Stockholm Globe Arena, Admission ticket system
- SAAB, Visitor system
- Frankfurter Messe Trade fair tickets
- Viking Line, Combined ticket and room key