



TECHNICAL FEATURES



Two print modules

THERMAL 2000



CARD & FEEDER

dimensions CR80 - ISO standard
thickness 0,4 ÷ 0,8 mm / 16 ÷ 32 mil
materials ABS, PVC and composite. PET-G semi transparent available on request
input hopper 200 card capacity
output hopper 200 card capacity with FIFO (first in – first out) technology; reject hopper 10 card capacity

PRINTING

technology color and/or monochrome thermal transfer
2 print modules allow you to choose among different card flows:
 a card can pass one time in the 1st thermal module (front) and one time in the 2nd one (front or back)
 a card can pass once in the 1st thermal module (front) and twice in the 2nd one (front + back)
resolution 300 DPI
printing area full card size
facilities orientation: 0°, 90°, 180°, 270°
fonts internal or Windows True Type
front/back optional flip-over
performance monochrome printing: up to 900 CPH
 color printing: up to 150 CPH depending on the job

ENCODING OPTIONS

bar codes Code 39, EAN8, EAN13, 2/5 interleaved, Code 128 and others available with Windows drivers
magnetic encoding optional: 3 ISO 7811 tracks, LoCo, HiCo, JIS
 optional: regular VISA + VISA Mini Card (paired)
smart card unit optional: contact and contactless

COMMUNICATION INTERFACE & SOFTWARE

communication interf. one RS232 serial port and parallel ports
operating system **Multicard 2006** compatible with Windows 2000/XP/Vista
application program User interface monitoring, card production control, automatic card remake option, pre-encoded card and smart card reading with complete processing operation, database connection, system status and help messages displayed on PC
SDK option available on request

HARDWARE

power supply 100 - 117 - 220 - 230 or 240 Volts - 50/60 Hz
operating environment 5 ÷ 40 °C / 41 ÷ 104 °F
dimensions (WxDxH) 1200 x 480 x 350 mm / 47.2" x 18.9" x 13.8"
weight 67 kg / 148 lbs
floor stand optional (required for in-line operation)

PROFESSIONAL: Simple and straightforward engineering combined with heavy duty components, the THERMAL 2000 allows you to get the best results and high performance in large scale card production environments with crisp 300 DPI printing resolution. Professional card cleaning station making use of dedicated CIM T-Clean tape ensures 100% dust and debris free cards for high quality output and long print headlife

FAST: with its integrated MSP (Multi Smart Processing) system the THERMAL 2000 can process up to 4 cards simultaneously. Two printheads receive data from two parallel ports

VERSATILE: the THERMAL 2000 is equipped with the latest generation printing modules from CIM ensuring high speed performance and first class printing quality in full colour or monochrome. The two print stations offer unbeatable flexibility. The THERMAL 2000 can work stand alone or in-line with other Pro Series equipments. It can personalize international credit cards, such as regular VISA and VISA mini card, front and back in one pass.

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