

STIMACLS

STIMA CLS is a desktop thermal ticket printer recommended for heavy-duty applications such as Event Ticketing, Transport Ticketing, Parking Stations, Car Rental receipt and voucher issue.

The STIMA CLS ticket printer is fast, up to 250mm/sec. It can handle paper thickness up to 350 g/m². The cutter is designed to withstand 2 million cuts during its lifetime. The printer is 200dpi and 300dpi compliant. A simple change of printhead and your printer goes from 200dpi to 300dpi and vice versa. It has sensors for black mark detection either on thermal side or the non thermal side of the ticket as standard. The printer will also handle all types of notched ticket stock.



Features:

- USB, Serial and Ethernet ports
- Ability to print wristbands
- Adjustable Top Opto and Bottom Opto black mark and gap sensors
- Web Embedded Server allowing users perform remote setup, maintenance and performance analysis
- Cutter guaranteed to 2 million cuts
- Print Speed of 250mm per second (9 8/10" per second)
- Alternative Printer emulations, allowing you to plug and play alongside alternative printer providers
- 16MB memory with expandable SD card Slot
- Black Mark / Paper Notch darkness manager
- From 70gsm up to 350gsm (up to 14pt stock) paper stock
- True Type Font support direct from printer memory
- Windows and Linux (C.U.P.S.) drivers
- Easy Cleaning Technology allowing for easy maintenance
- 1D and 2D barcodes printing: UPC-A, UPC-E, EAN13, EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QR CODE



Optional Features:

- Internal Barcode Reader: Allows you to capture information from pre-printed ticket stock. This information can be saved on the printer or sent back to the ticketing system.
- RFID: Allows the printer to read and write to the RFID chip on the ticket and print all through a single port.
- Safety Box: To secure ticket stock under lock and key.

<http://www.stimare.net/desktop-ticket-printers/stima-cls-thermal-ticket-printer/>



STIMACLS



General Specifications

Available Interfaces	USB (communication speed: 12 Mbit/sec) RS232 (communication speed: from 1200 to 115200 bps) ETHERNET (communication speed: 10 Mbit/sec)
Sensors	Ticket presence, head temperature, cover open, mobile detector for black mark and translucent gap / hole mark (setting by software), ticket presence on output, cover open, cutter compartment open, external near paper end
Receive Buffer	64 Kbytes
Flash Memory	16 Mbytes
Emulation	ESC/POSTM, SVELTA, FGL
Printable barcode format	UPCA, UPCE, EAN13, EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QRCODE

Printer Specifications

Resolution	300 dpi (11,8 dot/mm)
Print method	Thermal direct print head
Printing mode	Normal, 90°, 180°, 270°
Printing format	Height/width from 1 to 8, bold, reverse, underlined, italic
Character fonts	ESC/POSTM emulation: PC437, PC850, PC860, PC863, PC865, PC858 (euro), 2 TrueType fonts SVELTA emulation, FGL emulation: 20 embedded fonts, 2 TrueType fonts
Graphics memory	Logos dynamic management (max 2 MB graphics memory)
Memory card SD/MMC	Capacity = max 2 Gbytes
Printing speed	High Quality = 100 mm/sec Normal = 125 mm/sec High Speed = 150 mm/sec
Head life	100 Km / 100M pulses
MCBF	2 000 000 cutter number
MTBF	550 000 hours
Noise level	76.7 dB dB

ESC/POSTM EMULATION

Character density	11 cpi	15 cpi	20 cpi	16 cpi	23 cpi	30 cpi
Number of column	35	45	64	53	68	96
Chars / sec	2900	3800	5300	5300	6800	9600
Lines / sec	83	83	83	100	100	100
Character (L x H mm)	2,25 x 3	1,75 x 3	1,25 x 3	1,5 x 2	1,2 x 2	0,8 x 2
Character set	3					

PAPER SPECIFICATIONS

Type of paper	Thermal paper (heat-sensitive side on outside of roll) Fan-fold thermal paper with notch/black mark
Recommended types of paper	from 80 g/m ² to 255 g/m ²
Paper width	from 20mm to 82.5mm (2mm step)
External roll diameter	Max 300 mm
Internal roll core diameter	25 mm (+1mm)
Core thickness	2 mm (+1mm)
Paper end	Not attached to roll core
Core type	Cardboard or plastic
Internal roll core diameter	25 mm (+1 mm)
Core thickness	2 mm (+1 mm)

ELECTRIC SPECIFICATIONS

Power supply	100Vac ÷ 240Vac
Medium consumption	51 W
Standby consumption	9W

ENVIROMENTAL SPECIFICATIONS

Operating temperature	0-50°C
Operating humidity	10-85% Rh
Storage temperature/humidity (w/o paper)	20 °C – 70 °C / 10% - 90% RH

BARCODE READER SPECIFICATIONS mod.CX002

Scan rate	200 scans/sec
Sensor	Linear CCD Sensor
Light Source	Red Leds, 639 nm
Ambient Light	3000 LUX MAX
Resolution	5 mil. (0.127 mm)
Readable Barcode	ALL UPC/EAN/JAN , Code 39, Code 39 Full ASCII, Code 128, Code 93, Interleave 25, Industrial 25, Matrix 25, China Postage, CODABAR/NW7, Code 11, MSI/PLESSEY, Code 32, PDF417, DATAMATRIX

TRANSPONDER SPECIFICATIONS

Supported transponders	ISO159693 (icode), ISO1443-MIFARE® (MIFARE Ultralight, MIFARE 1K, MIFARE 4K)
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