

## 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 <sup>2</sup> to 255 g/m <sup>2</sup>
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

## ENVIRONMENTAL 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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