

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 |

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) |
|------------------------|---|