

Spezifikationen / S2500THS

Print Mechanism:

Printing Method: Thermal dot line printing

Dots per line: 384

Number of heat elements: 2 heater/dot, 142 ohms/dot

Printing Width: 48 mm

Resolution: 8 dots/mm

Paper feed pitch: 0.125mm

Printing speed: 50 mm/sec linear @ 7.2 Volts

Head Temperature detection: By thermistor with hardware protection against overheating

Paper-out/TOF detection: By photo interrupter

Operating Voltage: 5V

Current Consumption: 3.8A @ 64 dots

Reliability: 50 million MCTF (mean characters until fail)@25% pulse

Standard Operating Features:

Character set: ASCII International and IBM graphic set a plus downloadable option. All font tables are in-field downloadable.

Graphic print: Bit addressable graphic command set
Graphic logo store and print. Black Mark Sensing.

Bar code: Codes 39,128, 2 of 5, UPC-A, UPC-E, UPC/EAN-8, UPC/EAN-13, Codabar.

Supervised operation: Supervisory command set to read battery voltage, Print head temperature, buffer status, power management and Firmware version.

Line Buffering: 32K standard

Characters per line: 24, 32, 38, 40, 42, 48 (s/w command)

Character Size: 3x2 3x1.5 3x1.15 3x1 (HxW mm)

Print contrast: Auto and user selectable

Print output: Double high, double wide and bold print

Communication:

Interface: RS232C and IrDA standard; Bluetooth option:

Baud Rate: 2400, 9600, 19,200, 38,400 baud, dip switch select

Fast IrDA Transfer Speed: Up to 38.4K depending on computer capability

Std.IrDA Transfer Speed: 9600 connect and transfer

Handshaking: CTS/RTS and/or XON/XOFF

Print Media:

Paper Width: 57mm (2.25 inches)

Lines of Print/roll: 5200 (1.5" diameter roll, 0.4" core, approx. 60 feet long)

Paper Rolls per Charge: ~ 6

Lines per Charge: ~ 30,000 (4" receipt followed by 60 second delay then repeat)

Power:

Power supply: Internal rechargeable battery with wall mount DC power pack

Battery: 2 cell Lithium Ion, 1850 m/Ah

DC Power Pack: 10V/1.4 A DC/AC UL listed adapter standard.

Battery Recharge: Internal Fast 180 min fast charge with auto switch to trickle charge; Over-voltage, Overcurrent and over-heat protection

Power ON/OFF: Power ON/OFF switch, or by raising RTS input; or sending a single character through serial input. Auto power down timer, can be

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set or disabled through user application.

User Interface:

Status indicators: 3 LEDs (2 are multi functioning) -
Power/ERROR, Charging, Ready/Fault

User switches: 2 switches – On/Off, Feed

Connection: RJ type (6 pin) for Data I/O; DC input Power

Jack for wall mount adapter;

Infra-Red (IrDA) with Ambient Light Filter

Integrated Bluetooth radio module (optional)

Integrated magnetic card reader (optional)

Dimensions: 107x138x68mm (4.2x5.4x2.7")

WxLxH including over-mold

Weight: 465g (16oz) with paper and battery pack

Warranty: One year standard (3 years available at extra charge)

OEM Products: Design services available

Environmental Specifications:

Operating Temperature: -10° to 50°C

Storage Temperature: -20° to 60°C

Humidity: Up to 90% RH (noncondensing)

Agency approvals: FCC: Part 15 Subpart B, Class B;

CE: EN55022 Class B; EN50024;

EN61000-3-2; EN61000-3-3 ;

AS/NZS3548 Class B

Ordering Information

7832811 S2500THS with RS-232 and 38.4K IrDA

Interface (US Style Adapter) (change last

digit to 2 for Euro style 220V and 4 for

240V UK style adapter versions)

[] add R for 3-track MCR

[] add -1 for Bluetooth

151131 Power Adapter, 12-16 VDC input vehicle adapter

756998 Belt Loop System (included as standard)

757351 Shoulder Strap

757060 Spare paper, pkg. of 5 rolls

7A100011 Spare battery

5892RJD9 Coiled Cable (RJ to D9)