Mobile 3” Thermal Printer

Rugged mobile receipt printer designed for today’s worker on the go. Fast, lightweight and easy to use, the printer comes with a Class 2 Bluetooth®

With 1MB (SRAM)/4MB (Flash) memory, and the form Fiesta utility; the Mobile Thermal Printer is the perfect solution for Field Service, Route Accounting, and Ticketing applications.

Easy to Integrate

- Multiple communication interfaces
- Comes standard with Serial and Bluetooth® Class 2
- Optional 3-Track Magnetic Card Reader, IrDA, and or 802.11b/g
- MS-DOS and Windows compatible with full-speed handshake
- Print drivers available for Windows 95, 98, 200, XP and Vista
- Print utilities available for most Mobile Operating Systems
- Emulations for many popular brands available

Lightweight and Easy to Use

- Comfortable to wear all day with belt loop system or shoulder strap
- “Drop-in” paper load system
- Easy battery replacement
- 1 year warranty (Including print head)

Rugged

- Cycolac housing and rubber bumpers
- Multiple drop tests to steel from 1.5 meters
- IEC68 product testing for operating temperature, storage temperature, humidity, shock and vibration.
- IEC 90650 Product Certification also means that workers can be confident using the printer during home visits
- Add the IP54 carrying case for extra protection against dust and water

Powerful

- All the features supported by the printer are managed by a powerful ARM-7, 32 Bit microcontroller
- Firmware and resident fonts are integrated into a Flash based CPU
- 4MB Flash and 1MB SRAM memory is under direct user control to store logos, fonts, graphics and barcodes
- Powered by a high capacity, long-lasting Lithium-Ion battery cartridge (7.4V; 2200mAh) can be charged internally or in an external battery charger
## Printer Specs

<table>
<thead>
<tr>
<th>Printer Mechanism:</th>
<th>Print Media:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Printing Mechanism:</strong></td>
<td><strong>Media Type:</strong> Direct Thermal</td>
</tr>
<tr>
<td><strong>Printing Method:</strong></td>
<td>Paper (Standard Kansaki P390)</td>
</tr>
<tr>
<td><strong>Printing Resolution:</strong></td>
<td>Paper Width: 3.125” (80mm)</td>
</tr>
<tr>
<td><strong>Printing Width:</strong></td>
<td>Max Roll Size: 43” Length x OD</td>
</tr>
<tr>
<td><strong>Print Speed:</strong></td>
<td>Roll Core ID: 0.4”</td>
</tr>
<tr>
<td><strong>Paper-Out/TOF Detection:</strong></td>
<td>Paper Rolls per Charge: ~5</td>
</tr>
<tr>
<td><strong>Service Life:</strong></td>
<td>Total Length per Charge: ~235 ft (71.6m)</td>
</tr>
<tr>
<td><strong>Pulse:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Abrasion Resistance:</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Operating Characteristics:

<table>
<thead>
<tr>
<th>Printing Mode: Line print mode</th>
<th><strong>Print Media:</strong> Media Type: Direct Thermal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Page Printing Mode</strong></td>
<td>Paper (Standard Kansaki P390)</td>
</tr>
<tr>
<td><strong>Character Set:</strong> ASCII International</td>
<td>Paper Width: 3.125” (80mm)</td>
</tr>
<tr>
<td><strong>Int’l Character Sets:</strong> Simplified &amp; Traditional Chinese, Hebrew, Arabic, Polish, Greek, Cyrillic</td>
<td>Max Roll Size: 43” Length x OD</td>
</tr>
<tr>
<td><strong>Optional Character Set:</strong> Downloadable</td>
<td>Roll Core ID: 0.4”</td>
</tr>
<tr>
<td><strong>Graphic Print:</strong> Supports 8-bit graphic Printing, custom font, logo downloading</td>
<td>Paper Rolls per Charge: ~5</td>
</tr>
<tr>
<td><strong>Barcode Symbologies:</strong> Codes 39, Code 128 A/B/C, UCC/EAN-128, Interleaved 2 of 5 UPC/EAN/JAN and codabar</td>
<td>Total Length per Charge: ~235 ft (71.6m)</td>
</tr>
<tr>
<td><strong>2D:</strong> PDF417</td>
<td><strong>Power:</strong> Battery: Lithium-Ion 2200 mAh</td>
</tr>
<tr>
<td><strong>Memory:</strong> 2MB SRAM, 4MB Flash</td>
<td><strong>Battery Life:</strong> 80% of original capacity after 300 cycles</td>
</tr>
<tr>
<td><strong>CPL:</strong> 12, 28, 36, 48, 57, 64, 72</td>
<td><strong>Charging Time:</strong> 180 Minutes</td>
</tr>
<tr>
<td><strong>Print Contrast:</strong> Auto and user selectable</td>
<td><strong>External Charging Options:</strong> DC Power Pack: 100V~240V AC</td>
</tr>
<tr>
<td><strong>User Interface:</strong> Status indicators: 3 LED’s (2 are multi functioning): Power/Error, Charging, Ready/Fault</td>
<td>Input 10V/1.32 output</td>
</tr>
<tr>
<td><strong>User Switches:</strong> 2 Switches – Power (On/Off), Feed</td>
<td><strong>In-Vehicle Charger:</strong> 10.6V~30C Cigarette Lighter Adaptor</td>
</tr>
<tr>
<td><strong>Mechanical:</strong> Construction: Cycolac Enclosure with Rubber Bumpers</td>
<td><strong>Power ON/OFF:</strong> Power ON/OFF switch, or by raising RTS input, or sending a single character through serial input. Auto power down timer can be set or disabled through user application.</td>
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<tr>
<td><strong>Dimensions:</strong> 6.1” (L) x 5” (W) x 2.27” (H)</td>
<td><strong>Weight:</strong> 14.9 oz (422g)</td>
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</tbody>
</table>

### Print Media:
- **Media Type**: Direct Thermal Paper
- **Paper Width**: 3.125” (80mm)
- **Max Roll Size**: 43” Length x OD
- **Roll Core ID**: 0.4”
- **Paper Rolls per Charge**: ~5
- **Total Length per Charge**: ~235 ft (71.6m)

### Power:
- **Battery**: Lithium-Ion 2200 mAh
- **Battery Life**: 80% of original capacity after 300 cycles
- **Charging Time**: 180 Minutes
- **External Charging Options**: DC Power Pack: 100V~240V AC Input 10V/1.32 output
- **In-Vehicle Charger**: 10.6V~30C Cigarette Lighter Adaptor
- **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 set or disabled through user application.

### Memory:
- **Memory**: 2MB SRAM, 4MB Flash

### Operating Characteristics:
- **Printing Mode**: Line print mode
- **Page Printing Mode**
- **Character Set**: ASCII International
- **Int’l Character Sets**: Simplified & Traditional Chinese, Hebrew, Arabic, Polish, Greek, Cyrillic
- **Optional Character Set**: Downloadable
- **Graphic Print**: Supports 8-bit graphic Printing, custom font, logo downloading
- **Barcode Symbologies**: Codes 39, Code 128 A/B/C, UCC/EAN-128, Interleaved 2 of 5 UPC/EAN/JAN and codabar
- **2D**: PDF417

### User Interface:
- **Status indicators**: 3 LED’s (2 are multi functioning): Power/Error, Charging, Ready/Fault
- **User Switches**: 2 Switches – Power (On/Off), Feed

### Mechanical:
- **Construction**: Cycolac Enclosure with Rubber Bumpers
- **Dimensions**: 6.1” (L) x 5” (W) x 2.27” (H)
- **Weight**: 14.9 oz (422g)
The Syscan-ID Mobile Thermal Printer complete with the following:

- RS232
- Class 2 Bluetooth®
- Belt Loop System
- Battery
- 1 Roll of Media
- Universal Adapter
- Cleaning Pen
- Quick Guide
- 1 Year Warranty

**Communication Options:**

- IrDA
- Wi-Fi
- 3 Track Magnetic Card Reader

**Optional Accessories:**

- 2-Bay Battery Charger
- IP54 Environmental Case
- Shoulder Strap w/Quick Clip
- 10.6V~30V In-Vehicle Adapter
- Coiled Serial Cable (RJ to D9)

**Print Utilities available for:**

- Windows CE
- Pocket PC
- WM5
- WM6
- Palm

**Compatible with the following SDK’s:**

- PrinterCE
- PrinterCE.NET CF
- Printboy
- Stevens Creek

**Agency Approvals:**

CC: Part 15 Subpart B, Class B
CE: EN60950
CE: EN55022 Class B;
CE: EN61000-3-2;
CE: EN61000-3-3;
CE: EN50024
AS/NZ: 3548 Class B
Conforms to ANSI/UL STD 60950
And certified to CAN/CSA STD C22.2 No. 60950-00
CB Certified, No. 60950-00
GS Certified, # O4US00384-1
ETL Listed, control # 3046813
IEC 68 certified
IP54 Rated
(With Environmental Case)

**Software:**

**Configuration Utility includes:**

- Font Download
- Bluetooth® Set-up
- Wi-Fi Set-up
- Communications Parameter set-up
- Printer Custom Attribute Set-up
- Logo Download

**Form Fiesta Page Printing Utility**

**Bootloader for Uploading Firmware**