



Mobile 3" Thermal Printer Bluetooth®

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

Typical Vertical Markets

- Field Service
- Law Enforcement
- Utility
- Retail
- Invoicing
- Route Accounting / DSD
- Ticketing
- Remote POS Sale

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

- Cylolac 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

Printer Mechanism:

Printing Method: Direct Thermal
Printing Resolution: 203 dpi/ 8 dots mm
Printing Width: 2.83" (72mm)
Print Speed: Up to 2" per second
Paper-Out/TOF
Detection: Photo Interrupter
Service Life:
Pulse: 100 Million MCTF
Abrasion Resistance: 50KM

Operating Characteristics:

Printing Mode: Line print mode
Page Printing Mode
Character Set: ASCII International
PC Line Draw
Various Resident Fonts
Int'l Character Sets: Simplified & Traditional
Chinese,
Hebrew, Arabic, Polish,
Greek, Cyrillic
Optional Character Set: Downloadable
Fixed-width fonts
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
Memory: 2MB SRAM, 4MB Flash
CPL: 12, 28, 36, 48, 57, 64, 72
Print Contrast: Auto and user selectable

User Interface:

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

Print Media:

Media Type: Direct Thermal
Paper
(Standard Kansaki
P390)
Paper Width: 3.125" (80mm)
Max Roll Size: 43' Length x OD
1.375"
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.

Mechanical:

Construction: Cylolac Enclosure
with Rubber
Bumpers
Dimensions: 6.1" (L) x 5" (W)
x 2.27" (H)
Weight: 14.9 oz (422g)

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
Complies with EMC Directive
89/66/EEC and low Voltage Directive
73/23/EEC
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
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Form Fiesta Page Printing Utility
Bootloader for Uploading Firmware

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