THE NEW ERA OF AUTO IDENTIFICATION

S4

DESKTOP LABEL PRINTER

It's small, but **INDUSTRIAL PERFORMANCE**

S4 printer is a compact size and cost effective desktop printer, but equipped the industrial level specification. Small printer cost, industrial benefit.

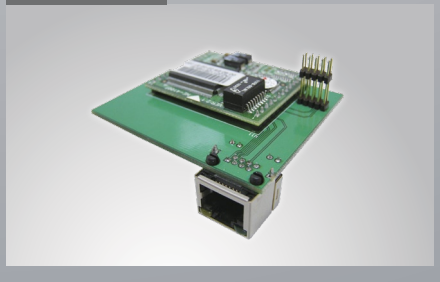
Featuring:
-4MB Flash memory, 8MB SDRAM
-Graphical icons for LCD operation
-4 LED buttons indication
-Multiple communication ports for the most of applications, USB (master, slave), serial and parallel
-Buzzer sound, red flash light and error icon on LDC for failure message
-SD card slot for expansible storage, up to 4GB
-Moveable see-through and reflective sensor
-USB master port for scanner and keyboard standalone operation
-Easy paper and ribbon loading

Option

Cutter

Peeler

Ethernet



Printer Overview

Graphic LCD

4 function buttons +
flash indication

See-through sensor
(Auto detection)

S4 Specifications

CPU AND MEMORY
- CPU：32-bit CPU
- MEMORY：8MB SDRAM, 4MB Flash ROM (up to 4GB)

PRINT
- RESOLUTION：203 dpi/300 dpi
- PRINT MODE：Direct Thermal/Thermal Transfer
- PRINT SPEED：1" to 4" ips
- MAX. PRINT LENGTH：150 inches
- PRINT WIDTH：4.1" (104mm)
- BARCODE：
  1D：Code39, Code93, Code128 UCC, Code128 auto, Codabar, EAN8, EAN13, Interleaved 2 of 5, UCC/EAN 128, UPC A, UPC E, UPC Interleaved 2 of 5
  2D：Data Matrix, MaxiCode, PDF417
- FONT：
  5 internal expandable bitmap fonts (alpha-numeric)
  2 internal expandable bitmap fonts (numeric only)
  Downloadable soft font
  4 directions：0, 90, 180, 270 degrees
- IMAGE：PCX, Direct binary graphic

SENSOR TYPE：Moveable reflective and see-through sensor, Label sensor, Cover open sensor, ribbon sensor

DISPLAY：Backlight LCD display 128x64 dots

CONTROL PANEL：4 function keys, 4 status LED light, 1 error LED light

MEDIA
- WIDTH：0.59"~4.33"(15mm~110mm)
- MEDIA ROLL DIAMETER：ID-1" (25.4mm)/OD-Max. 5"(127mm)
- MEDIA THICKNESS：0.002" (0.06mm) to 0.0075" (0.2mm)
- MEDIA TYPE：Continuous, die-cut, tag, fan-fold, black mark

RIBBON
- WIDTH：1.0" (25.4mm) to 4.3" (110mm)
- RIBBON ROLL DIAMETER：ID- 0.5"/OD-1.535"
- RIBBON LENGTH：Max. length-100M
- RIBBON TYPE：Wax, wax/resin, resin

INTERFACE：Serial, Parallel, USB master and slave, Ethernet 10/100Mbps (option)

POWER：Switching power adapter- Input：100 to 240V/Outpu：24V

OPTION：Peeler kit, Cutter, Ethernet module

OPERATING TEMPERATURE：5° to 45° (40° to 112.9°)

PRINTER DIMENSION：200(W) x 263(L) x 188(H) mm, Weight：2KG

CERTIFICATION：CE, FCC class B, CCC, CB

SD card slot (Up to 4GB)

Full communication ports

Easy roller eplacement

CS-300

CCD SCANNER

OPERATIONAL	
Light Source	617 nm visible LED (2,500 pixels CCD)
Depth of Scan Field	0 – 150 mm (UPC/EAN 100%, PCS=90%)
Scan Speed	125 scans per second
Scan Method	CCD scan line mode
Minimum Bar Width	0.125 mm (5 mil)
Decode Capability	Auto-discriminates all standard 1D Barcode
Interfaces	Keyboard PS2, USB and RS-232 interfaces
Print Contrast	Minimum 25%
Indicator	Visual and Audio

PHYSICAL	
Dimensions	(L)152.3 x (W)64.4 x (H)104.9 mm
Weight	120g
Cable	Field replaceable, Standard 2.0M straight

POWER	
Input Voltage	5VDC +/- 5%
Operating Current	100mA

ENVIRONMENTAL	
Operating Temperature	0° to 50° C (32°F to 122°F)
Storage Temperature	-20° to 60° C (-4°F to 140°F)
Humidity	5% to 95% (non-condensing)
Drop Durability	Designed to withstand 1.5M drops

CS-600

MID-RANGE CCD SCANNER

OPERATIONAL	
Light Source	617 nm visible LED (2,500 pixels CCD)
Depth of Scan Field	0 – 200 mm (UPC/EAN 100%, PCS=90%)
Scan Speed	200 scans per second
Scan Method	CCD scan line mode
Minimum Bar Width	0.1 mm (4 mil)
Decode Capability	Auto-discriminates all standard 1D Barcode
Interfaces	Keyboard PS2, USB and RS-232 interfaces
Print Contrast	Minimum 25%
Indicator	Visual and Audio

PHYSICAL	
Dimensions	(L)160 x (W)80 x (H)20 mm
Weight	95g
Cable	Field replaceable, Standard 2.0M Coil

POWER	
Input Voltage	5VDC +/- 5%
Operating Current	100mA

ENVIRONMENTAL	
Operating Temperature	0° to 50° C (32°F to 122°F)
Storage Temperature	-20° to 60° C (-4°F to 140°F)
Humidity	5% to 95% (non-condensing)
Drop Durability	Designed to withstand 1.5M drops

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CS-800 plus

HANDHELD LASER SCANNER

OPERATIONAL	
Light Source	650nm Visible Laser Diode
Depth of Scan Field	0 – 380 mm (UPC/EAN 100%, PCS=90%)
Scan Speed	100 scans per second
Scan Method	Single laser scan mode
Minimum Bar Width	0.1mm (4 mil)
Decode Capability	Auto-discriminates all standard 1D Barcode
Interfaces	Keyboard PS2, USB and RS-232 interfaces
Print Contrast	Minimum 25%
Indicator	Visual and Audio

PHYSICAL	
Dimensions	(L)154 x (W)67 x (H)95 mm
Weight	140g
Cable	Field replaceable, Standard 2.0M Coil

POWER	
Input Voltage	5VDC +/- 2.5%
Operating Current	85mA

ENVIRONMENTAL	
Operating Temperature	0° to 45° C (32°F to 113°F)
Humidity	5% to 85% (non-condensing)
Drop Resistance	Multiple 2.0 meters drops to concrete
Protection Class	IP52

CS-1000 plus

HANDHELD LASER SCANNER (WITH AUTOSCAN-STAND)

OPERATIONAL	
Light Source	650nm Visible Laser Diode
Depth of Scan Field	0 – 380 mm (UPC/EAN 100%, PCS=90%)
Scan Speed	100 scans per second
Scan Method	Single laser scan mode
Minimum Bar Width	CS-1000-LR = 0.1mm (4 mil) CS-1000-HD = 0.075 (3 mil)
Decode Capability	Auto-discriminates all standard 1D Barcode
Interfaces	Keyboard PS2, USB and RS-232 interfaces
Print Contrast	Minimum 25%
Indicator	Visual and Audio

PHYSICAL	
Dimensions	(L)154 x (W)67 x (H)95 mm
Weight	140g (without stand)
Cable	Field replaceable, Standard 2.0M coil

POWER	
Input Voltage	5VDC +/- 2.5%
Operating Current	85mA

ENVIRONMENTAL	
Operating Temperature	0° to 45° C (32°F to 113°F)
Storage Temperature	-20° to 60° C (-4°F to 140°F)
Humidity	5% to 85% (non-condensing)
Drop Resistance	Multiple 2.0 meters drops to concrete
Protection Class	IP52

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CS-3080

HANDS-FREE OMNI-DIRECTIONAL LASER SCANNER

OPERATIONAL	
Light Source	650nm Visible Laser Diode
Depth of Scan Field	0 – 200 mm (UPC/EAN 100%, PCS=90%)
Scan Speed	1,400 scans per second (Omni-directional)
Scan Method	5 directions of scan field , 20 laser lines
Minimum Bar Width	0.125 mm (5 mil)
Decode Capability	Auto-discriminates all standard 1D Barcode
Interfaces	Keyboard PS2, USB and RS-232 interfaces
Print Contrast	Minimum 30%
Indicator	Visual and Audio

PHYSICAL	
Dimensions	(L)118 x (W)100 x (H)165 mm
Weight	360g (without cable)
Cable	Field replaceable, Standard 2.0M straight

POWER	
Input Voltage	5VDC +/- 10%
Operating Current	270mA
Operating Temperature	0° to 40° C (32°F to 104°F)
Storage Temperature	-20° to 60° C (-4°F to 140°F)
Humidity	5% to 95% (non-condensing)
Drop Durability	Designed to withstand 1.5M drops

CS-3260

WIRELESS HANDHELD LASER SCANNER

OPERATIONAL	
Light Source	650nm Visible Laser Diode
Depth of Scan Field	0 – 380 mm (UPC/EAN 100%, PCS=90%)
Scan Speed	100 scans per second
Scan Method	Single laser scan mode
Minimum Bar Width	0.1mm (4 mil)
Decode Capability	Auto-discriminates all standard 1D Barcode
Interfaces	Keyboard PS2, USB and RS-232 interfaces
Print Contrast	Minimum 25%
Indicator	Visual and Audio

PHYSICAL	
Dimensions	(L)170 x (W)70 x (H)83 mm
Weight	199g
Cable	Non Field replaceable

POWER	
Input Voltage	4.75 – 6.50 VDC
Operating Current	500mA @ 5V
Battery	1300 mAh Lithium-ion battery
Charge Time	Fully charged in 3.5 hours
Standby Time	7 days
Read Barcode Per Charge	160,000 scans per charge

RADIO SPECIFICATION	
Coverage	200 meters (open area)
Radio Link	433MHZ adaptive frequency hopping

ENVIRONMENTAL	
Operating Temperature	0° to 45° C (32°F to 113°F)
Storage Temperature	-20° to 60° C (-4°F to 140°F)
Humidity	5% to 85% (non-condensing)
Drop Resistance	Multiple 2.0 meters drops to concrete
Protection Class	IP52

CS-3290

WIRELESS HANDHELD LASER SCANNER (WITH CRADLE)

OPERATIONAL	
Light Source	650nm Visible Laser Diode
Depth of Scan Field	0 – 380 mm (UPC/EAN 100%, PCS=90%)
Scan Speed	100 scans per second
Scan Method	Single laser scan mode
Minimum Bar Width	0.1mm (4 mil)
Decode Capability	Auto-discriminates all standard 1D Barcode
Interfaces	Keyboard PS2, USB and RS-232 interfaces
Print Contrast	Minimum 25%
Indicator	Visual and Audio

PHYSICAL	
Dimensions	(L)170 x (W)70 x (H)83 mm
Weight	199g (without cradle)
Cable	Field replaceable

POWER	
Input Voltage	4.75 – 6.50 VDC
Operating Current	500mA @ 5V
Battery	1300 mAh Lithium-ion battery
Charge Time	Fully charged in 3.5 hours
Standby Time	7 days
Read Barcode per charge	160,000 scans per charge

RADIO SPECIFICATION	
Coverage	200 meters (open area)
Radio Link	433MHZ adaptive frequency hopping

ENVIRONMENTAL	
Operating Temperature	0° to 45° C (32°F to 113°F)
Storage Temperature	-20° to 60° C (-4°F to 140°F)
Humidity	5% to 85% (non-condensing)
Drop Resistance	Multiple 2.0 meters drops to concrete
Protection Class	IP52

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CS-3390

BLUETOOTH MOBILE SCANNER

Operating Current	12mA (standby); 150mA (scanning), 180mA (transmitting)
Standby Time	Over 4 days
Operating Time	6 hours
RF Module	Bluetooth class II
Bluetooth Profile	HID; spp master, spp slave
Working Range	10meters
Radio Link	2402 ` 2480MHz FHSS?GFSK modulation, 79 channels as 1MHz intervals
Dimensions	11.0cm (H) x 4.3cm (W) x 2.5cm (D)
Weight	87g
Key & Trigger	1 million presses
Display	LCD Monochrome display (128 x 64)
Backlight	LED backlight
Colour	White / Black / Customization
Battery	950mAh Lithium-ion battery
Charge Time	Fully charged (>80%) in 3.5hours
Case Material	ABS
Light Source	650nm visible laser diode
Scan Rate	100mA±10times /sec
Decode Capability	All major 1D barcode symbologies including GS1 DataBar variants

Keyboard Layout	USA, Turkish F, Turkish Q, French, Italian, Spanish, Slovak, Denmark, Japanese	
Interface Supported	USB Keyboard, USB virtual COM	
Indicator	Beeper, LED, LCD	
Operating Mode	Handheld	
Programming Method	Manual (reading special barcode)	
Firmware Upgrade	Online via USB interface	
Temperature	0º to 50ºC (32ºF to 120ºF),	
Operating	-40º to 140ºF), Storage	
Humidity	5% to 95% (non-condensing)	
Decoding Depth	Long-range series	High-density series
& Max. Resolution	5 mil: 35-160mm	3 mil: 45-90mm
	15mil: 25-440mm	5 mil: 22-130mm
	30mil: 40-740mm	15 mil: 20-305mm
	55 mil: 75-985mm	55 mil: 80-730mm
Safety	Laser safety: EN60825-1, Class 1	
	EMC: EN55022, EN60950-1	
	Electrical safety: EN60950-1	
	Drop resistance: Multiple 1.5m (4.9ft) drop to concrete	
Protection Class	IP64	

CS-5230

INDUSTRIAL HANDHELD LASER SCANNER (IP65)

OPERATIONAL	
Light Source	650nm Visible Laser Diode
Depth of Scan Field	0 – 380 mm (UPC/EAN 100%, PCS=90%)
Scan Speed	100 scans per second
Scan Method	Single laser scan mode
Minimum Bar Width	CS-5230-LR = 0.1mm (4 mil)
	CS-5230-HD = 0.076 (3 mil)
Decode Capability	Auto-discriminates all standard 1D Barcode
Interfaces	Keyboard PS2, USB and RS-232 interfaces
Print Contrast	Minimum 25%
Indicator	Visual and Audio
PHYSICAL	
Dimensions	(L)188 x (W)69 x (H)91 mm
Weight	219g (without stand)
Cable	Field replaceable, Standard 2.0M coil

POWER	
Input Voltage	5VDC +/- 2.5%
Operating Current	100mA
Operating Temperature	0° to 50° C (32°F to 120°F)
Storage Temperature	-20° to 60° C (-40°F to 140°F)
Humidity	5% to 95% (non-condensing)
Drop Resistance	Multiple 5.0 meters drops to concrete
	Protected against water jets
Protection Class	IP65

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CS-6200

2D IMAGER BARCODE SCANNER

TECHNICAL SPECIFICATIONS

Input Voltage	5 VDC ± 0.25 V
Power	2.3w (working); 0.45W (standby)
Current	450mA (working); 90mA (standby)
Image Size	752 x 480 pixels
Scanning Angle	±60 ˚, ±40 ˚, ±42 ˚ (Skew, Pitch, Roll)
Decode Capability	1D: UPC-A, UP+C-E, IPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code 128, ISBT 128, Code 93, Code 11 (USD-8). MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post, China Finance, GSI DataBar (formely RSS) variants 2D: PDF417, QR code, DataMatrix
Indicator	Beeper, LED
Interface Supported	Keyboard wedge, RS-232, USB Keyboard, USB virtual COM
Operating Mode	Hand-held, Auto-detection (Optional)
Dimensions	Height x Width x Depth: 17cm x 7cm x 8.5cm
Weight	156g, without cable
Cable	Straight 2.0m
Connector Type	RJ-45 phone jack connector
Case Material	PC+TPU
Temperature	0 ˚ to 50 ˚C (32 ˚ to 120 ˚F), Operating; -40 ˚ to 60 ˚C (-40 ˚ to 140 ˚F), Storage
Humidity	5% to 95% (non-condensing)
Programming Method	Manual (reading special barcode)
Program Upgrade	Online
Min. Element Width	5mil
Decoding Depth	4.5cm - 45cm
Safety	EMC: EN 55022, EN 55024 Electrical safety: EN 60950-1 Drop resistance: Multiple 2.0m (6.6ft) drops to concrete Protection class: IP52

MOBICOM MC-5380

MOBILE COMPUTER

PHYSICAL CHARACFERISTICS

Dimension	150 mm(L) x 70 mm(W) x 26 mm(H)
Weight	with standard battery, 245g
Display	3,5 HVGA (480 x 320) TFT, High Resolution Touch Screen
Backlight	LED Backlight
Main Battery	Rechargeable Lithium Ion 3.7v 3400 mAh
Backup Battery	Ni-MH battery (rechargeable) 25 mAh 3v
Battery Capacity	25,500 scanning after full charge 12 hours operating times
Camera	3.0 mega pixels, color and auto-focus
Audio	Speaker and Microphone
Expansion Slot	Mini SD card - max: 32G
Notification	Vibrator and LED
Keypad	37keys

PERFORMANCE CHARACTERISTICS

CPU	Hisilicon 533 MHZ
Operating System	Microsoft® Windows Mobile™ 6.5 Professional
Memory	256MB Flash Rom 128MB SDRAM
Interface	mini USB

DATA CAPTURE SPECIFICATION

Laser	ID Barcode Laser scanner
Imager	ID / 2D Barcode Imager scanner
RFID	HF (13.56MHz) RFID Reader
Symbologies	1D: UPC/EAN Code 128, UCC, EAN 128, Code 39, Code 93, 1 2 of 5, Codabar 2D: Maxicode, PDF 417, Datamatrix QR Code

ENVIRONMENTAL 4

Operating Temperature	10° to 50° C
Storage Temperature	-20° to 60° C
Humidity	95% (non-condensing)
Drop Specification	1.5M multiple drops on concrete
Electrostatic Discharge (ESD)	+/- 15KV air charge +/- 88KV direct discharge

WIRELESS DATA AND VOICE COMMUNICATION

WWAN	900 / 1800MHZ GSM / GPRS / EDGE
WLAN	WiFi, IEEE 802.11b/g
GPS	A-GPS

ACCESSORIES

Cradle	Single-slot USB with battery Charging
Battery	4-slot battery changer

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DP-7645 III

DOT MATRIX RECEIPT PRINTER

Printing Method	9-Pin Serial Impact Dot Matrix Printing
Printing Width	76mm: 400dots (half dot)
Dot Pitch	400 dots/line
Printing Speed	4.5 lines/sec
Number of Columns	76mm: Font A – 33 columns /35 columns / Font B – 40 columns / 42 columns / Simplified / Traditional Chinese – 21 columns / 22 columns
Character Size	ANK Character , Font A : 1.6 x 3.1mm (9 x 9 dots), Font B: 1.2 x 3.1mm (7 x 9 dots), Simplified / Traditional Chinese : 2.7 x 2.7mm (16 x 16 dots)
Character Table	PC437 / Katakana /PC850 /PC860/ PC863 /PC865/WPC 1252 / PC 866 / PC852c/ PC858
Line Spacing	4.23mm
Paper	75.5 +/- 0.5mm x @ 75mm
Interface	Parallel / Serial / USB / Ethernet
Input Buffer	64K bytes
Drawer Kick-Out	DC 12-24V / 1A, 1 Drawer
Power Supply	DC 24V/2.5A
AC Adapter	Input: AC 110V / 220V, 50 -60 Hz, Output : DC 24V / 2.5A
Weight	1.68Kg
Reliability	10 million lines
Driver	Win9x / WinXP / Win NT / Win2K / Win Vista
Compatible	ESC / POS
Dimension (W*D*H)	155 x 260 x 130mm
Safety	3C , CE

DP-7645 IIIC

DOT MATRIX RECEIPT PRINTER

Printing Method	9-Pin Serial Impact Dot Matrix Printing
Printing Width	76mm: 400dots (half dot)
Dot Pitch	400 dots/line
Printing Speed	4.5 lines/sec
Cutter and Rewind	Cutter only
Number of Columns	76mm: Font A – 33 columns /35 columns / Font B – 40 columns / 42 columns / Simplified / Traditional Chinese – 21 columns / 22 columns
Character Size	ANK Character , Font A : 1.6 x 3.1mm (9 x 9 dots), Font B: 1.2 x 3.1mm (7x9 dots), Simplified / Traditional Chinese : 2.7 x 2.7mm (16 x 16 dots)
Character Table	PC437 / Katakana /PC850 /PC860/ PC863 /PC865/WPC 1252 / PC 866 / PC852c/ PC858
Line Spacing	4.23mm
Paper	75.5 +/- 0.5mm x @ 75mm
Interface	Parallel / Serial / USB / Ethernet
Input Buffer	64K bytes
Drawer Kick-Out	DC 12-24V / 1A, 1 Drawer
Power Supply	DC 24V/2.5A
AC Adapter	Input: AC 110V / 220V, 50 -60 Hz, Output : DC 24V / 2.5A
Weight	1.78Kg
Reliability	10 million lines
Driver	Win9x / WinXP / Win NT / Win2K / Win Vista
Compatible	ESC / POS
Dimension (W*D*H)	155 x 260 x 130mm
Safety	3C , CE

DP-7645 IIIRC

DOT MATRIX RECEIPT PRINTER

Printing Method	9-Pin Serial Impact Dot Matrix Printing
Printing Width	76mm: 400dots (half dot)
Dot Pitch	400 dots/line
Printing Speed	4.5 lines/sec
Cutter and Rewind	Cutter and Paper rewind
Number of Columns	76mm: Font A – 33 columns /35 columns / Font B – 40 columns / 42 columns / Simplified / Traditional Chinese – 21 columns / 22 columns
Character Size	ANK Character , Font A : 1.6 x 3.1mm (9 x 9 dots), Font B: 1.2 x 3.1mm (7x9 dots), Simplified / Traditional Chinese : 2.7 x 2.7mm (16 x 16 dots)
Character Table	PC437 / Katakana /PC850 /PC860/ PC863 /PC865/WPC 1252 / PC 866 / PC852c/ PC858
Line Spacing	4.23mm
Paper	75.5 +/- 0.5mm x @ 75mm
Interface	Parallel / Serial / USB / Ethernet
Input Buffer	64K bytes
Drawer Kick-Out	DC 12-24V / 1A, 1 Drawer
Power Supply	DC 24V/2.5A
AC Adapter	Input: AC 110V / 220V, 50 -60 Hz, Output : DC 24V / 2.5A
Weight	1.96Kg
Reliability	10 million lines
Driver	Win9x / WinXP / Win NT / Win2K / Win Vista
Compatible	ESC / POS
Dimension (W*D*H)	155 x 335 x 190mm
Safety	3C , CE

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TP-290X III

THERMAL RECEIPT PRINTER

Printing Method	Line Thermal Printing
Print Resolution	384dots/line
Character Size	ANK Font, Font A : 1.5 x 3.0mm (12 x 24 dots), Font B: 1.1 x 2.1mm (9 x 17 dots) Chinese Character: 3.0 x3.0mm (24 x 24 dots)
Barcode Type	UPC-A/UPC-E/JAN-13(EAN-13)/JAN8(EAN-8)/ CODABAR/ITF/CODE39/CODE93/CODE128
Printing Speed	90mm/sec
Interface	Parallel / Serial / Wireless / Ethernet
Compatible	ESC / POS
Printing Wdth	57.5 ± 0.5mm
Paper Roll Diameter	83mm
Paper Thickness	0.06-0.08mm
Power Supply	DC 12V / 3A
Drawer Kick-out	DC 12V / 1A
Reliability	50KM
Weight	0.9Kg
Working Condition	Temperature: 0-45˚C Humidity: 10-80%
Storage Condition	Temperature: -10-60% Humidity: 10-90%
Driver	Win9x / Win ME / Win 2000 / Win 2003 / Win NT / WinXP / Win Vista
Dimension (W*D*H)	140 x 222 x 120mm

TP-3160S

THERMAL RECEIPT PRINTER

Printing Method	Line Thermal Printing
Printing Width	80mm: 72mm / 576dots & 64mm / 512 dots
Dot Pitch	576dots/line & 512dots/line
Printing Speed	160mm/sec (42 lines/sec)
Number of Columns	80mm: Font A – 42 columns /48 columns / Font B – 56 columns / 64 columns / Simplified / Traditional Chinese – 21 columns / 24 columns
Character Size	ANK Character , Font A : 1.5 x 3.0mm (12 x 24 dots), Font B: 1.1 x 2.1mm (9 x 17 dots) Simplified / Traditional Chinese : 3.0 x3.0mm (24 x 24 dots)
Character Table	PC437 / Katakana /PC850 /PC860/ PC863 /PC865/WPC 1252 / PC 866 / PC852c/ PC858 / Latvian/Arabic/ PT151, 1251
Barcode Type	UPC-A/UPC-E/JAN-13/EAN-13/EAN-8/ CODABAR/ITF/CODE39/CODE93/CODE128
Line Spacing	3.75mm
Paper	79.5 +/- 0.5mm
Auto Cutter	Full or Partial
Interface	Parallel / Serial / Bluethooth / USB
Input Buffer	32K bytes
NV User Memory	60K bytes
Drawer Kick-out	DC 12-24V / 1A, 2 Drawer
Power Supply	DC 24V/2.5A
AC Adapter	Input: AC 110V / 220V, 50 -60 Hz, Output : DC 24V / 2.5A
Weight	1.50Kg
Reliability	100KM
Driver	Win9x / WinXP / Win NT / Win2K / Win Vista / Win 7
Compatible	ESC / POS
Dimension (W*D*H)	151 x 204x 145mm
Safety	3C , CE

TP-3260

THERMAL RECEIPT PRINTER

Printing Method	Line Thermal Printing
Printing Width	80mm: 72mm / 576dots & 64mm / 512 dots
Dot Pitch	576dots/line & 512dots/line
Printing Speed	250mm/sec (60 lines/sec)
Number of Columns	80mm: Font A – 42 columns /48 columns / Font B – 56 columns / 64 columns / Simplified / Traditional Chinese – 21 columns / 24 columns
Character Size	ANK Character , Font A : 1.5 x 3.0mm (12 x 24 dots), Font B: 1.1 x 2.1mm (9x17 dots), Simplified / Traditional Chinese : 3.0 x3.0mm (24 x 24 dots)
Character Table	PC437 / Katakana /PC850 /PC860/ PC863 /PC865/WPC 1252 / PC 866 / PC852c/ PC858 / Latvian/Arabic/ PT151, 1251
Barcode Type	UPC-A/UPC-E/JAN-13/EAN-13/EAN-8/ CODABAR/ITF/CODE39/CODE93/ CODE128
Line Spacing	3.75mm
Paper	79.5 +/- 0.5mm
Auto Cutter	Full or Partial
Interface	USB + RS232 + LAN
Input Buffer	256K bytes
NV User Memory	256K bytes
Drawer Kick-out	DC 12-24V / 1A, 2 Drawer
Power Supply	DC 24V/2.5A
AC Adapter	Input: AC 110V / 220V, 50 -60 Hz, Output : DC 24V / 2.5A
Weight	1.50Kg
Reliability	100KM
Driver	Win9x / WinXP / Win NT / Win2K / Win Vista / Win 7 / LINUX / OPOS
Compatible	ESC / POS, STAR
Dimension (W*D*H)	151 x 204 x 145mm
Safety	3C , CE

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TP-3250H

THERMAL RECEIPT PRINTER (HORIZONTAL)

Printing Method	Direct Thermal Printing
Dot Pitch	567dots / line 512dots / line
Character Size	ANK Character Font A : 12 x 24 dots Font B: 9x17 dots Chinese : 24 x 24 dots
Barcode Type	UPC-A/UPC-E/JAN-13/EAN-13/EAN-8/ CODABAR/ITF/CODE39/CODE93/ CODE128
Interface	Serial + USB + Ethernet
Paper Width	79.5 +/- 0.5mm
Paper Diameter	100mm
Paper Thickness	0.06-0.08mm
Power Supply	DC 24V/2.5A
Auto Cutter	Full or Partial
Reliability	100KM
Work Environment	Temperature: 0-45%, Humidity: 10-80%
Storage Enviroment	Temperature: -10-60%, Humidity 10-90%
Driver	Win9x / Win Me / Win 2000 / Win 2003 / Win NT / Win XP / Win Vista / Win 7, Epson, Samsung
Print Speed	250mm/s
Kitchen	Printing Support
Paper Near End Sensor	Support
Weight	1.90kg
Dimension (W*D*H)	202x 143 x 144mm (LxWxH)
Safety	3C, CE

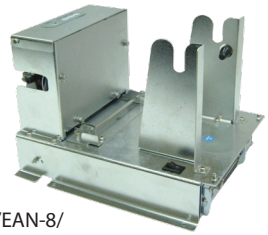
TP-3250D

THERMAL RECEIPT PRINTER

Printing Method	Line Thermal Printing
Printing Width	80mm: 72mm / 576dots & 64mm / 512 dots
Dot Pitch	576dots/line & 512dots/line
Printing Speed	250mm/sec (60 lines/sec)
Number of Columns	80mm: Font A – 42 columns /48 columns / Font B – 56 columns / 64 columns / Simplified / Traditional Chinese – 21 columns / 24 columns
Character Size	ANK Character , Font A : 1.5 x 3.0mm (12 x 24 dots), Font B: 1.1 x 2.1mm (9x17 dots), Simplified / Traditional Chinese : 3.0 x3.0mm (24 x 24 dots)
Character Table	PC437 / Katakana /PC850 /PC860/ PC863 /PC865/WPC 1252 / PC 866 / PC852c/ PC858 / Latvian/Arabic/ PT151, 1251
Barcode Type	UPC-A/UPC-E/JAN-13/EAN-13/EAN-8/ CODABAR/ITF/CODE39/CODE93/ CODE128
Line Spacing	3.75mm
Paper	79.5 +/- 0.5mm
Auto Cutter	Full or Partial
Interface	USB + RS232
Input Buffer	256K bytes
NV User Memory	256K bytes
Drawer Kick-out	DC 12-24V / 1A, 2 Drawer
Power Supply	DC 24V/2.5A
AC adapter	Input: AC 110V / 220V, 50 -60 Hz, Output : DC 24V / 2.5A
Weight	1.50Kg
Reliability	100KM
Driver	Win9x / WinXP / Win NT / Win2K / Win Vista / Win 7 / LINUX / OPOS
Compatible	ESC / POS, STAR
Dimension (W*D*H)	151 x 204 x 145mm
Safety	3C , CE

LP-2003

KIOSK PRINTER



Printing Method	Line Thermal Printing
Printing Width	80mm: 72mm / 576dots & 64mm / 512 dots
Dot Pitch	576dots/line & 512dots/line
Printing Speed	250mm/sec (60 lines/sec)
Number of Columns	80mm: Font A – 42 columns /48 columns / Font B – 56 columns / 64 columns / Simplified / Traditional Chinese – 21 columns / 24 columns
Character Size	ANK Character , Font A : 1.5 x 3.0mm (12 x 24 dots) Font B: 1.1 x 2.1mm (9x17 dots) Simplified / Traditional Chinese : 3.0 x3.0mm (24 x 24 dots)
Character Table	PC437 / Katakana /PC850 /PC860/ PC863 /PC865/WPC 1252 / PC 866 / PC852c/ PC858 / Latvian/Arabic/ PT151, 1251
Barcode Type	UPC-A/UPC-E/JAN-13/EAN-13/EAN-8/ CODABAR/ITF/CODE39/CODE93/CODE128
Line Spacing	3.75mm
Paper	79.5 +/- 0.5mm @ 83mm
Interface	Parallel / Serial / USB / Ethernet
Input Buffer	128K bytes
NV User Memory	256K bytes
Drawer Kick-out	DC 12-24V / 1A, 2 Drawer
Power Supply	DC 24V/2.5A
AC Adapter	Input: AC 110V / 220V, 50 -60 Hz, Output : DC 24V / 2.5A
Weight	1.50Kg
Reliability	100KM
Driver	Win9x / WinXP / Win NT / Win2K / Win Vista
Compatible	ESC / POS
Dimension (W*D*H)	142 x 195 x 142mm
Safety	3C , CE

LP-3125

DIRECT THERMAL LABEL PRINTER

Printing Method	Line Thermal Printing
Printing Width	76mm
Printing Speed	6"/sec
Barcode Type	UPC-A/UPC-E/JAN-13/EAN-13/EAN8 /CODABAR/ITF/CODE39/CODE93/CODE128
Interface	Serial + USB
Input Buffer	32K bytes
NV User Memory	60K bytes
Drawer Kick-Out	DC 12-24V / 1A, 2 Drawer
Power Supply	DC 24V/2.5A
AC Adapter	Input: AC 110V / 220V, 50 -60 Hz, Output : DC 24V / 2.5A
Operating	Temperature : 0-45 °C , Humidity: 10 – 80 %
Storage	Temperature : 0-60 °C , Humidity: 10 – 90 %
Reliability	50KM
Driver	Win9x / WinXP / Win NT / Win2K / Win Vista
Compatible	TSC TDP-245
Dimension (W*D*H)	142 x 195 x 142mm
Safety	3C , CE

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TCM8815

15" TOUCH SCREEN MONITOR

- LCD Display Size: TFT LCD 15 Inch
- Max Resolution : 1024 x 768
- Contrast Ratio : 500:1
- Brightness : 250-350 cd/m2
- Respone Time : 12ms
- Touch Screen : 5 wire Resistive
- Optional Customer Display :
  VFD 2 Lines x 20 Character
  LCD 2 lines x 20 Character

TCP9015

15" POS TERMINAL

- Motherboard C46
- Intel Pineview D525 Duo Core 1.8G
- 2GB DDR2 memory
- 15"TFT LC D, 1024 x 768, Resistive Touch
- 4 x USB 2.0 Port
- 4 x COM Port
- 1 x Second Display VGA Port
- 1 x LAN Port
- With MSR
- Optional
  - 8 inch Second Display
  - Customer Display

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VFD-800

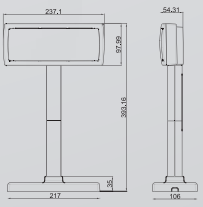
CUSTOMER DISPLAY

- Bright blue-green vacuum fluorescent display
- 20x2 characters
- Easy programming using Escape sequence commands
- Epson/Aedex/DSP-800 emulation modes
- Thirteen sets of internetional characters
- User programmeable font for all character
- User defined moving message
- RS-232C interface at 9600/19200 baud rates
- USB Interface (optional)
- Adjustable display height

VFD-960

CUSTOMER DISPLAY (ENGLISH & CHINESE)

GENERAL	
Display Method	Vacuum Fluorescent Display (Blue and Green windows available)
Display Pattern	16 x 16 / 32 x 32 / 320 x 32 (for graphic mode)
Brightness	350~700 cd/m2
Character Font	20 x 2 for 16 x 16 font / 10 x 1 for 32 x 32 font / 320 x 32 for Graphic
Character Size	10.4 (H) x 7.8 (W) mm
Dot Size (X *Y)	0.495 x 0.35 mm
Case Color	Cool White and Elegance Black
Support Dimension	380/250/120(H) x 33(Dia) mm
Panel Dimension	20(H) x 217(W) x 106(D) mm
Vertical Rotation	Max. 90˚
Horizontal Rotation	Max. 355˚
Weight	Approx. 980 grams
Commands Mode	LD540, EPSON, AEDEX, UTC/S, UTC/P, ADM788, DSP800, CD5220, EMAX, LOGIC CONTROL, Ultimate
Language Support	Traditional Chinese, Simplied Chinese, Korean, Arabic, Turkish, Persian, US English, Int'l English, Bosnia, Croatian, Czech, Danish, Dutch, Estonian, Faroese, Finnish, Flemish, French, Fr Canadian, German, Greek, Hebrew, Hungarian, Icelandic, Indonesian, Irish, Italian, Katakana, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovene, Slovak, Spanish, Swedish
Interface	RS-232 (serial) / USB
CONNECTION	
Baud Rate	Direct connection 9600 or 19,200 bps
RELIABILITY	
MTBF	30,000 hours
POWER	
Consumption	12 VDC
SAFETY	
EMC Standards	FCC, CE
Safety Standards	



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MAGNETIC STRIPE READER

- Access control
- Car parking system
- Retail/Pos application
- Membership card applications
- Automated input device applications
- Available in various interfaces: Keyboard wedge, Rs-232 & USB

BARCODE STRIPE READER

- High Resolution
- Campatible with virtually all barcode resolutions, and with most decoding software
- Sealed ABS or Metal Case can be requested water splash proof design
- Can be installed outdoors or in wet enviroment
- Tamper proof design, ideal for security application
- Available in either visible 600mm or infrared 9400mm version
- Operating temperature range: 0 degree to 50 degree
- Available in various interfaces: TTL, Keyboard wedge, RS-232 and USB

EC-410

EC-410 CASH DRAWER

- Adjustable bill tray dividers for four or five compartments
- Separate coin tray removable form the bill tray
- Adjustable coin tray dividers for up to nine compartments
- 420W X 440L X 105 H (mm) (Standard)
- 9.0kg (Standard)
- 6-pin, RS-232 and USB

U.are.U® 4500 Reader

digitalPersona.

USB FINGERPRINT READER

KEY SPECIFICATIONS

- Pixel resolution: 512 dpi (average x, y over the scan area)
- Scan capture area: 14.6 mm (nom. width at center) 18.1 mm (nom. length)
- 8-bit grayscale (256 levels of gray)
- Reader size (approximate): 65 mm x 36 mm x 15.56 mm
- Compatible with USB 1.0, 1.1 and 2.0 (Full Speed) specifications
- Indoor, home and office use

PORTI-S30/40

Woosim systems

2" MOBILE PRINTER

Specification

- Pocket Size (76.6 x 103 x 36mm)
- Light weight (S30: 202g, S40: 205g) for true mobility
- Very silent printing thru direct thermal printing method
- High speed (80mm/sec, MAX)
- UART or TTL, Bluetooth interface
- IrDa Ver1.0 (option), USB (option) interface
- Support text and graphic printing
- Support bit-image (logo) download
- Easier paper loading by CLAMSHELL design
- Easier maintenance with self-diagnostics

Bluetooth

[S30] [S40]

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battery charger

MOBI-POS ORDERING TERMINAL

MOBI-POS SPECIFICATIONS

SYSTEM	
Processor	Samsung S3C6431 667Mhz (ARM11)
Flash Memory	NAND flash 256MB
System Memory	Mobile DDR128MB
LCD / TOUCH PANEL	
LCD Size	4.3" TFT LCD
Brightness	500 cd/m2
Resolution	480 x 272
Touch Screen	Resistive touch panel
WIRELESS NETWORKING	
Wireless LAN	Built-in 802.11 b/g/n Wi-Fi
Bluetooth	Built-in class 2 Bluetooth 2.1 + EDR
EXPANSION I/O PORTS	
Micro SD Socket	1
DC Input	2 pad
Mini USB	1 (OTG; Flash image update / USB Device control)
INTERNAL I/O PORTS	
Internal Speaker	1 x 1 W Speaker
USB Port	1
CONTROL / INDICATOR	
Power Button	1
LED Indicator	2 (Power on / off indicator, Battery Status indicator, Wi-Fi Link Status indicator)
Programmable keys	6
Software Reset Button	0 (Use PWR KEY force OFF/Reset)
Vibrator	Built-in vibrator motor
BATTERY & POWER	
Power Supply	Input: AC 110-240v, 50-60Hz
Main Battery	Li-ON battery pack 3.7V 2100mA/h (Replaceable)
Battery Operating Time	Over 8hrs (with Wi-Fi always on)
CERTIFICATE	
EMC & Safety	CE/FCC
ENVIRONMENTAL	
Operating Temperature (Not in charging mode)	5°C ~ 50°C (41°F ~ 122°F)
Operating Temperature (Running charging mode)	5°C ~ 35°C (41°F ~ 95°F)
Storage Temperature	-10°C ~ 60°C (14°F ~ 140°F)
Sealing	IP54
Fall Security	1.2M drop, 1 drop per side at 25 degree C
PERIPHERAL	
Charger Adapter	Charger adapter: 5V, 2A
MAINTAINABILITY	
Dimension (WxDxH)	130 x 78 x 17mm (H x W x D)
Weight	195g (with battery)
OS Supported	Windows®Embedded CE 6.0

Features At-A-Glance

- 4.3" Widescreen with Resistive Touch Screen
- Samsung ARM 11 667MHZ CPU
- WiFi & Bluetooth Class 2
- Microsoft® Windows® CE. 6.0 or Linux Android operating system
- 500 nits Brightness

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