TOSHIBA

HSP Series

- Point-of-Sale Receipt Printers
- Splash-Resistant (IP21 Certified)
- Easy-to Use, Maintain and Integrate
- High Print Quality
- ENERGY STAR® Certified
- Paper Management and Anti-Jam Technology

DURABLE, HIGH-PERFORMING POINT-OF-SALE PRINTER

Made to keep up with the demands of today's fast-paced businesses, our reliable HSP series printer is a splash-resistant, compact point-of-sale receipt printer that's easy to use, maintain and integrate. Your staff face enough challenges without having to spend extra time repairing and maintaining their hardware. Our HSP series delivers a robust combination of printer software and hardware, providing a reliable, future-proof POS printing solution.

Industry-leading IP21 splash-resistant design made to keep up with your demanding environment

Easy to integrate plug-n-play emulation with compatible 24V power supply (hosiden 24V interface), which replaces other printers with ease

High-quality graphic printing using True 16 grayscale multi-tone

Efficient power and paper management for an eco friendly and ENERGY STAR® compliant solution

Effortless part replacement minimizes downtime making repairs fast and simple

Anti-jam technology provides immediate-stop printing to protect the printer and rapidly recover from paper jams

The reliable HSP series is an ideal printing solution for demanding environments, such as:

- Bars
- Restaurants
- Concessions
- Grocery
- Retail
- Banking
- Payment

READY TO PRINT, ANYTIME

When your business is running at top speed during peak times, the last thing you should worry about is whether your receipt printer is working. Now, you can print easily from your point-of-sale system with this stylish, compact and splash-resistant POS receipt printer designed for demanding store environments.

Built to Survive a Spill

Store establishments are demanding environments – particularly for a printer. That's why we developed the HSP series to be workspace friendly with a splash-resistant casing and mainboard design. The HSP series proves itself perfect for the tough workplace, earning the IP21 certification thanks to its protection against solids and liquids, including condensation.

Modern Stylish Design

Legacy receipt printer designs can be outdated and clunky, taking up too much valuable counter space. So, we designed the HSP series with form and flexibility in mind. From fast integration to compact footprint, its built for today's modern hospitality and retail environments.

- Interchangeable top load or front load orientation
- Dual USB + Serial or Ethernet connectivity
- Operating system agnostic: choose the system that works best for your business
- Multiple paper detection sensors: paper jam, paper low and paper out sensors

Quick and Effortless Serviceability

The HSP series reduces downtime and cost with easy-to-service parts including:

Thermal printer head replacement
- Simple serviceability with one-touch head replacement
- Replace in as little as 15 seconds

Mainboard replacement
- Sub-assemblies are easy to remove
- Replace in as little as 4 minutes

Make the Most of Your Resources

Thanks to HSP series energy and paper-saving features, you can be confident that you are using an environmentally friendly printer that can help cut down on operational expenses. These resource saving features save paper and increase in-store uptime:

- Reduce white space on the receipt with line reduction mode
- Reduce top margin
- ENERGY STAR® certified

	HSP150	HSP100
Performance		
Maximum Receipt Print Speed	355 mm/sec, 14 ips	254 mm/sec, 10 ips
Hardware		
Interfaces	USB Type-B: USB 2.0 High Speed Printer class – Built in, USB Type-A: USB High Speed - Built in (for firmware/configuration update) Ethernet (10/100BASE-T) - option, RS232 - option	
Cash Drawer Connection	RJ 12 connector up to 2 cash drawers	
Power Supply	External	
Power Supply Voltage	24 VDC	
Power Consumption	1) Terminal Power –Low Mode (Term Pwr-Low): Maximum allowable printing power consumption is 55W 2) 60W Power Supply Mode (60W Ext Pwr): Maximum allowable printing cycle power consumption is 60W	
ENERGY STAR Certified	Yes	
Receipt Thermal Print Head Life	200 km	
Auto Cutter Life	2,000,000 cuts with 2.4 mil thickness media using specified paper type (NPI TF50KS-EY)	
IP Rating	IP21	
Dimensions	W 134.1mm x H 136.4mm x D 163.9mm	
Weight (Kg)	1.1 Kg	
Case Color	Black	
Warranty	4-Year Depot Warranty	2-Year Depot Warranty
Receipt Print Fonts		
Font A	12 x 24 (42 CPL / 30 CPL)	12 x 24 (48 CPL / 34 CPL)
Font A (size 2)	N/A	13 x 28 (42 CPL / 30 CPL)
Font B	9 x 24 (56 CPL / 40 CPL)	9 x 24 (64 CPL / 44 CPL)
Font B (size 2)	N/A	10 x 28 (56 CPL / 40 CPL)
Customized Font	Yes	Yes
Code Page	Code Page 437 (Default), Code Page 850, Code Page 860, Code Page 863, Code Page 865, Code Page 852, Code Page 866, Code Page 857, Code Page 1252, Code Page 858, Code Page 1253, Code Page 1254, Code Page 1256	
Double Byte Code Pages	No	No
Bar Codes Supported	UPC-A, UPC-E, JAN-13 (EAN13), JAN-8 (EAN8), CODE39, Interleaved 2 of 5 (ITF), CODABAR (NW-7), Code 93, Code 128, PDF417, GS1 DataBar, QR code	
Media Handling		
Paper Width	80mm (+ 0.5mm /- 1.2mm) or 58mm with option paper guide (+ 0.0mm / -1.0mm)	
Roll Diameter	83mm or less	
Standard Receipt Paper Thickness Range	0.050 – 0.070mm	
Paper Loading	Top Load and Front Load	
Sensors	Paper Out Sensor, Paper Jam Sensor, Paper Low Sensor	
Graphics		
Print Resolution (dpi)	180 dpi	203 dpi
Max Print Width	80mm paper width – 72.25mm 58mm paper width – 50.80mm	80mm paper width – 72.07mm 58mm paper width – 50.05mm
Gray Scale Printing	16 level gray scale, Print Speed max.4ips	
Inline Logo	Yes	
Auto Speed Adjustment (for smooth printing)	Yes	
Watermark	Yes	
Memory Allocation		
User Define Logo Area	256Kb (Flash) + 256Kb (RAM)	
User Define Character Area	64Kb (Flash)	
User Define Data area	64Kb (Flash)	
Macro Area	2Kb (Flash)	
Receive Data Buffer	64Kb (RAM)	
OS, Driver, Utilities		
Supported OS	Windows Windows 7/8/10, Windows Server 2008/2012/2016, SUSE SLED 11 (SP3) - 32 bit, SUSE SLED 12 (32 and 64 bit), Redhat 6.6 (32bit), 7.2 (64bit) and Ubuntu (Future Release - Mac, Android and iOS)	
Mobile Support SDK	Future Release	
Native Windows Driver	Yes	
Virtual Serial Port (VSP) Drivers	Yes	
UPOS Drivers (OPOS and JavaPOS - Windows/Linux)	Yes	
Configuration Utility	Yes (Smart Maintenance Utility, Setting Utility, Firmware and Logo Download Utility)	

*HSP 150 only available in NA/LA.

For more information please contact us:

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Creating with You