

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



>HSP150/100

	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)	