

Thermal transfer label printer



Product introduction

- Direct Thermal/Thermal Transfer Dual Mode
- Visual Window, Wide Format Printing
- Zebra ZPLII Command Compatible
- Label Calibration, Precise Positioning
- Independent Print Engine, Heating Algorithm
- Supports Multiple Media Types
- Continuous Operation: 8 hrs at 12.5% Print Density, 500+ Labels Without Fading
- Auto Media Detection, No Paper Skipping
- Large Memory: Standard Flash 256Mbit + SDRAM 256Mbit (Expandable to Flash 2Gbit + SDRAM 1Gbit)
- Multi-Interface, High Compatibility, Stable Connection
- Rich Optional Accessories, Competitive Advantages

Target Industries

Retail, Books, Apparel, Jewelry, Logistics, Catering, Pharmaceuticals, Warehouse Management, Electronics



Retail



Books



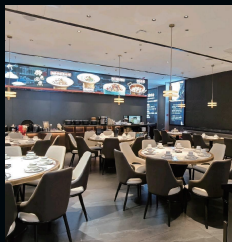
Apparel



Jewelry



Logistics



Catering



Pharmaceuticals



Warehouse Management

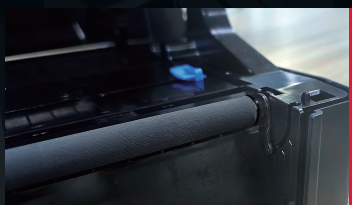
sensor

Easy to clean without paper jam



roller

Easy to disassemble



Pressure regulation

Pressure can be adjusted at any time



print head

Easy to dissipate heat



parameter list

picture			
Model	DY200	DY300	DY600
Print Method	Thermal Transfer/Direct Thermal		
Print Language	TSPL-II, ZPL-II Compatible		
Resolution	203DPI	300DPI	600DPI
Max. Print Speed	200mm/s (8ips)	152.4mm/s (6ips)	100mm/s (4ips)
Max. Print Width	104mm	108mm	105mm
Max. Print Length	4000mm	3000mm	1000mm
Interfaces	Standard: USB+Ethernet+Serial+USBHost Optional: USB+Ethernet+Serial+USBHost+BT+WIFI; USB+BT; USB+BT+WIFI; USB+WIFI		
Memory	Standard: Flash 256Mbit + SDRAM 256Mbit Optional: Expandable to Flash 2Gbit + SDRAM 1Gbit		
Buttons	Feed Button/Pause Button		
Media Sensor	Transmissive and Reflective		
USB VID PID	VID:1FC9 PID:81F4	VID:1FC9 PID:81F5	VID:1FC9 PID:81F6
Media Types	Continuous, Gap, Black Mark, Tag, Care Label, Ribbon Tag, Wristband		
Media Width (w/ liner)	Min. 20mm, Max. 110mm		
Roll Outer Diameter	Max. 127mm		
Media Thickness	Min. 0.06mm, Max. 1.5mm		
Core Size	25.4mm/38.1mm		
Ribbon Outer Diameter	Max. 67mm		
Ribbon Length	Max. 300m(987.252ft)		
Ribbon Core Size	12.7mm/25.4mm		
Ribbon Width	30-110mm		
Ribbon Winding	Outward Winding		
Media Handling	Tear-Off		
Output Path	Front Exit		
Protection	Overheat Protection, Gap Detection, Black Mark Detection, Cover Open Detection, Paper-Out Alert, Cutter Error, UHF Read/Write Error		
Graphics	Monochrome PCX, BMP, and other image files can be downloaded to FLASH/DRAM.		

1D/2D Barcodes	CodeBar,Code 11, Code 39, Code 93, Code 128 (subsets A, B, C), UPC-A, UPC-E, UCC-128, Codabar, EAN/JAN-8, EAN/JAN-13, Interleaved 2 of 5, MSI,MSIC, PLESSEY,CPOST,ITF14,EAN14,TELEPEN,PLANET,DPI,DPL,LOGMARS, QR Code, PDF417,DataMatrix,Maxicode,MircoPDF417,Aztec,Codablock,Code49
Character Set	Single-byte Fonts: FONT 0 to FONT 8
Scaling/Rotation	1-10x Horizontal/Vertical Scaling, Rotation (0°, 90°, 180°, 270°)
Vector Fonts	Support downloading multiple vector fonts, support UTF-8 encoding, support printing multiple small languages, foreign languages including Arabic, Thai, Indian, Turkish, Portuguese, Spanish, Bengali, etc
weight	2.2kg (NET)
Printer size	standard: 282 (L) X 205(W) X 172mm(H) cut: 315.5 (L) X 205(W) X 172mm(H)
Operating Conditions	Temp: 5-40°C, Humidity: 25-85% RH
Storage Conditions	Temp: -40-60°C, Humidity: 10-90% RH
Reliability	Printing head: 50KM; Cutter: half a million times
Power Input	DC24V 2.5A
Compliance	CCC、CE、FCC、RoHS
USB Host (Standard Features)	· Connect barcode scanners/keyboards · Download BAS programs for scan-triggered printing
RS232 (Standard Features)	· Optional clock, connect scales · Download BAS programs for weight-based printing
RFID (Optional Features)	· Supports Flexible/Rigid Anti-metal Tags · Auto Calibration · ISO 18000-6C Protocol · First-Label Printing · Read/Write TID, EPC Data (ASCII/Hex) · UHF Support: NXP, Impinj, Alien, Kiloway, Quanray Chips
Cutter (Optional Features)	Rotary Cutter: 500k cuts (0.1mm care labels) Guillotine Cutter: 600k cuts (80g paper) · Anti-static brush · No-backcut technology
LCD Display (Optional Features)	· 4.3" Industrial TFT Capacitive Touchscreen · 480×800 Resolution, 16-bit RGB, TF Card Slot (Pre-installed)



Cutting edge

