

Direct Thermal / Thermal Transfer Bar Code Label Printer

Features:

Direct Thermal / Thermal Transfer Printing

200 MHz 32-Bit RISC Processor

8 MB SDRAM+8 MB Flash Memory

Dual-Motor Gear Driven Design

152 mm (6") Inches Per Second Print Speed(max)

300 Meter (984") Ribbon Supply On a 25.4mm (1") Core

203 dpi or 300dpi resolution for option

High-end Japanese ROHM Printer head, the printing life is up to 100 km

Support Gap sensor, Open lid sensor, Black mark sensor, Ribbon sensor

Provides free bartender label editing software

Self-developed free editing software support IOS/ Android/ Harmony OS/ Windows/ MAC, five-terminal interoperable

Specification

Model	OCBP-T4202	OCBP-T4302
Color	Black	
Processor	32bit CPU	
Optional interface	USB2.0(standard)/USB+BT/USB+BT+WIFI/USB+LAN	
Real time clock	Standard	
Printer language	TSPL	
Printer head life	100Km	
Power supply	Input: AC 100V-240V, 50-60Hz, Output: DC 24V/2.5A	
Sensors	Gap sensor, Cover opening sensor, Black mark sensor, Ribbon end sensor	
Memory	8MB Flash Memory/8MB SDRAM/Flash memory	
Accessories	Quick start guide, USB cable, Power cord, Label spindle External universal switching power supply, fixing tab x 2, 1.5" core adapter x 2, Ribbon spindle x 2, Ribbon paper core	
software	Driver: Windows/Mac SDK: Windows/Android/iOS	
Printing method	Thermal Transfer / Direct Thermal	
Resolution	8 dots/mm(203 DPI)	12 dots/mm(300 DPI)
Max. print speed	152 mm (6") /s	127 mm (5") /s
Max. print width	104 mm (4.09")	104 mm (4.09")
Max. print length	1778mm (70")	889 mm (35")
Graphics printing	BIMAP, BMP, PCX(Max. 256 colors)	

Barcode	1D barcode: Code 39, Code 93, Code 128UCC, Code 128, subsets A, B, C, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 DataBar, Code 11 2D barcode: PDF-417, Maxicode, DataMatrix, QR code, Aztec
Internal fonts	8 alpha-numeric bitmap fonts, Windows fonts are downloadable from software.
Font and barcode rotation	0°, 90°, 180°, 270°
Graphic	BIMAP, BMP, PCX(Max. 256 colors)
Media	
Media type	Continuous, die-cut, black mark, fan-fold, notched (outside wound)
Media width	20-112mm (0.78"-4.4")
Media thickness	0.06 ~ 0.254 mm (2.36 ~ 10 mil)
Label length	10 ~ 1178 mm (0.39" ~ 70") 10 ~ 889 mm (0.39" ~ 35")
Label roll capacity	127 mm (5") OD (External diameter)
Ribbon capacity	300m long Max
Ribbon width	110mm
Ribbon core inner diameter	25.4 mm (1")
Physical	
Dimension	280mm*210mm*170mm
Weight	Net: 2.25kg Gross: 3.25kg
Package box	370*240*205mm
4 in 1 carton	500*390*430mm/14.5kg
Environment	
Working temperature& humidity	0 to 45 degrees centigrade, 10%~80% No condensation
Storage temperature& humidity	-20 to 60 degrees centigrade, 10%~90% No condensation

Thermal Transfer Label Printer

Versatility Creates Efficiency

- Thermal Direct Labels
- Thermal Transfer Labels
- PET Silver Labels
- Garment Hang Tags
- Wash Care Labels



Dual Printing Mode

Direct Thermal Print / Thermal Transfer Print

Switch at Ease Between Both Modes

Direct Thermal Mode

MODE 1



Direct
Thermal
Labels

No TTR Ribbons Required

Thermal Transfer Mode

MODE 2



Thermal Transfer Labels

PET Silver Labels

Garment Hang Tags

Wash Care Labels

TTR Ribbons Required

Professional and Durable Print Head

High-resolution Printing at Lightning Speeds

203dpi Printing Speed

152^{Max.}mm/s



Ordinary Print Head

Durability

Professional Print Head

Durability

Versatile Sizes Compatible Adjustable Media Guide

Different Sizes Printed by Guide Width Adjusted Flexibly



118mm
Media Width Max.

130mm
Media O.D. Max.

110mm×300m
Ribbon Size Max.

Various Connectivity

Multiple OS Compatible

Running smoothly with
Windows XP, 7, 8, 10, 11 and Mac OS

USB Connectivity

- ✓ Windows PC
- ✓ Mac

Also compatible with Google Chrome OS after installing the plugin in the Google browser.

Bluetooth Connectivity

For Bluetooth Version Only

- ✓ Windows Laptop
- ✓ Android Phone
- ✓ iPhone
- ✗ Mac

WiFi Connectivity

For WiFi Version Only

- ✓ Windows PC
- ✓ Mac
- ✓ Android Phone
- ✓ iPhone

Ethernet Connectivity

For Ethernet Version Only

- ✓ Windows PC
- ✓ Mac

Widely Applicable Supporting Various Labels



Direct Thermal Labels



PET Silver Labels



Garment Hang Tags



Thermal Transfer Labels



Wash Care Labels



Price Tags



Different Resolution for Option

For Different Printing Needs



For Most Printing Needs



For Fine Text Printing Needs

Resolution	203dpi	300dpi
Label Material	Direct Thermal Labels, Thermal Transfer Labels, PET Silver Labels, Synthetic PP Labels, Garment Hang Tags, Wash Care Labels	
TTR Ribbons	Wax Ribbon, Wax-resin Ribbons, Resin Ribbons, Washable Resin Ribbons	
Available Version	USB / Bluetooth / WiFi / Ethernet	
Media Type	Continuous paper, gap paper, folded paper, black mark paper, hole-punched paper	
Printer Dimension	280×220×168mm(L×W×H)	
Print Width	15-104mm	15-108mm
Print Speed	152mm/s	127mm/s

Default Accessories List



①



②



③



④



⑤



⑥



⑦



⑧



⑨

- ① User Guide ② USB Cable ③ Power Adapter ④ Power Cord
- ⑤ Media Shaft & Baffle Plate x 2 ⑥ Ribbon Shaft x 2
- ⑦ Ribbon Rewind Paper Core ⑧ Ribbon Sample Roll
- ⑨ Label Sample Roll