

Direct Thermal / Thermal Transfer Bar Code Label Printer

Model: OCBP-T4201/T4301)

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 25.4 Mm (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

|         |  |
|---------|--|
| General |  |
|---------|--|

|                           |                                                                                                                                                                                                                                                                                                |                           |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Model                     | OCBP-T4201                                                                                                                                                                                                                                                                                     | OCBP-T4301                |
| Color                     | Black                                                                                                                                                                                                                                                                                          |                           |
| Processor                 | 32bit CPU                                                                                                                                                                                                                                                                                      |                           |
| Optional Interface        | USB2.0□standard□/ USB+BT / USB+BT+WIFI / USB+LAN for optional                                                                                                                                                                                                                                  |                           |
| 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<br>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 capability       |                                                                                                                                                                                                                                                                                                |                           |
| Printing method           | Thermal Transfer / Direct Thermal                                                                                                                                                                                                                                                              |                           |
| Resoluiton                | 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         | 1178mm (70")                                                                                                                                                                                                                                                                                   | 889 mm (35")              |
| Graphics printing         | BIMAP, BMP, PCX(Max. 256 colors)                                                                                                                                                                                                                                                               |                           |
| Barcode and character     |                                                                                                                                                                                                                                                                                                |                           |
| Barcode                   | 1D barcode:<br>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<br>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<br>core inner<br>diameter    | 25.4 mm (1")                                           |
| Physical                            |                                                        |
| Dimension                           | 280 mm*210 mm *170 mm                                  |
| Weight                              | Net2.25kg Gross:3.25kg                                 |
| Package box                         | 370*240*205mm                                          |
| 4 in 1 carton                       | 500*390*430mm/14.5kg                                   |
| Environment                         |                                                        |
| Working<br>temperature&<br>humidity | 0 to 45 degrees centigrade, 10%~80% No condensation    |
| Storage<br>temperature&<br>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**<sup>Max.</sup>mm/s



Ordinary Print Head

Durability

Professional Print Head

Durability



# Versatile Sizes Compatible Adjustable Media Guide

Different Sizes Printed by Guide Width Adjusted Flexibly



# 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

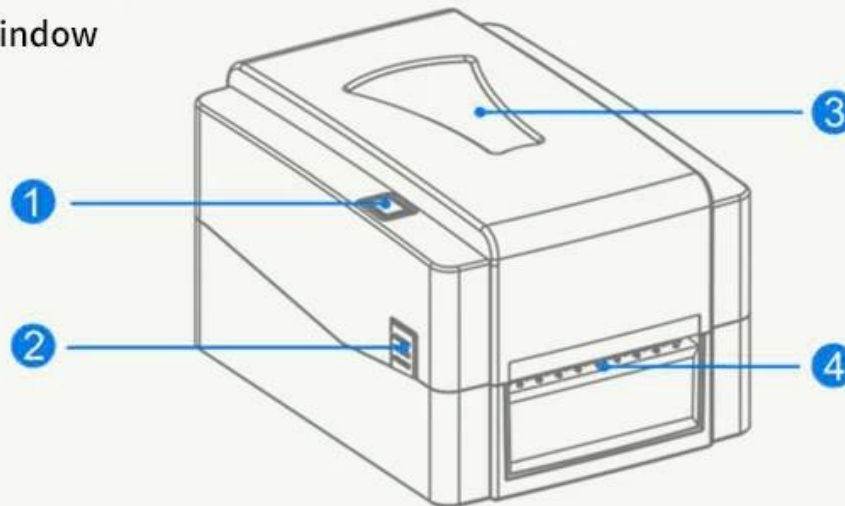


For Fine Text Printing Needs

| 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  |

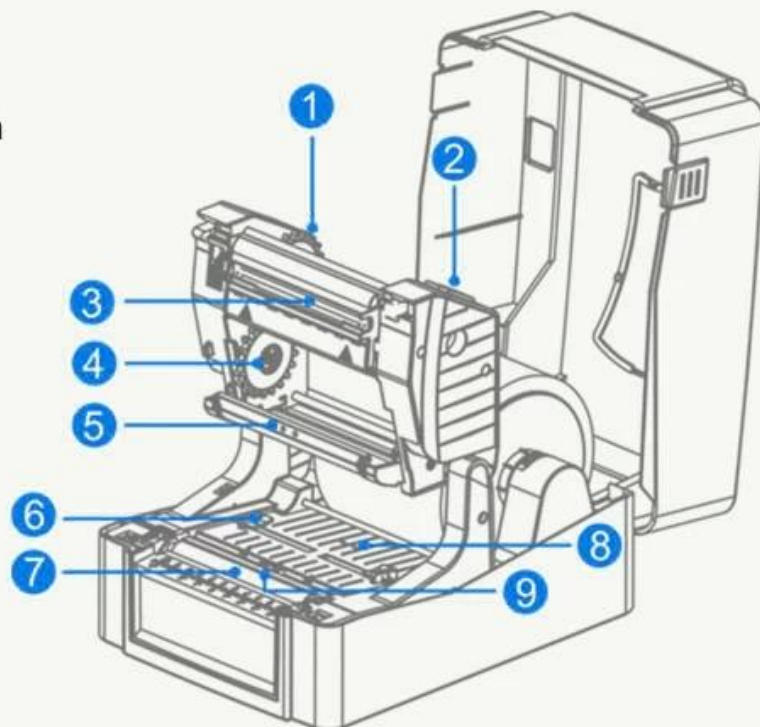
## Appearance Components

- ① LED Indicator Light + FEED Button
- ② Cover Open Switch
- ③ Viewing Window
- ④ Label Exit



## Internal Components

- ① Ribbon Rewind Gear
- ② Print Head Open Switch
- ③ Print Head
- ④ Ribbon Supply Gear
- ⑤ Ribbon Baffle Plate
- ⑥ Media Guide
- ⑦ Rubber Platen Roller
- ⑧ Gap Sensor
- ⑨ Black Mark Sensor



## 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



# Professional and Eye-catching Packing

Compact and Protective



## Packing Specs

Unit box size (LWH)  
370\*240\*205mm

Unit box N'W.  
2.92kg

Unit box G'W.  
3.47kg

## 4 Units Per Master Carton

Master carton size (LWH)  
500\*390\*430mm

Master Carton N'W.  
11.68kg

Master Carton G'W.  
15kg















