

Alpha-4L Mobile Bar Code Printer, linerless, 203 dpi, 4 ips, USB+WiFi

Portable thermal printer compact dimensions, with the possibility of printing widths up to 104 mm, compatible with Zebra printers. Robust construction, easy operation and flexible connectivity.

TSC provides a portable thermal printer Alpha- 4L. Printer is designed for simple, fast and convenient barcode printing width of up to 104 mm. This printer features one of the largest reservoir media (thermal sensitive paper), a print speed of 102 mm / s (4 ips) , low weight and high endurance battery. Connection of printer is through USB 2.0 or WLAN.



TSC printers have the [Thermal Smart Control technology](#), a patented electronic print head temperature control. Print output is sharper because of that technology and, what's even more important, printhead life is several times longer.

Main features of the printer TSC Alpha-4L

- easy to navigate with a small LCD screen - suitable for coarse-operate warehouses, retail - protective cover resistant to dust and water - resistance tested for repeated falls from 1.5 m onto concrete - [Thermal Smart](#) Control technology significantly extends printhead life and ensures sharper print output - comfortable to wear throughout the shift - flexible connection - print speed of 102 mm / s (4 ips) - interface Bluetooth or WIFI 802.11 - high capacity, rechargeable Li-ion battery

5800 mAh Loadin

g the media: YOUTUB



Technical Description

Functionality & Operation

| | |
|-------------------------|--|
| Communication interface | 802.11a/b/g/n, USB |
| Display type | --- |
| Operation interface | 4x button |
| Print mode | direct thermal |
| Print resolution | 203dpi |
| Print speed | 102mm/sec (4 ips) |
| Maximal print width | 104mm |
| Maximal print length | 2286mm |
| Memory | 16MB Flash , 32 MB SDRAM,micro SD card reader for Flash memory expansion, up to 4 GB |
| Fonts | 8 alpha-numeric bitmap fonts, Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font |
| Commands set | TSPL-EZ TM (Compatible to EPL, ZPL, ZPL II) or CPCL emulation |

Optical

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| Sensors | transmissive, open print-head detector, reflective |
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Electrical

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| Main battery pack | Rechargeable Li-Ion battery 5800 mAh, 7,2VDC |
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Mechanical

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| Dimensions | Width: 79mm, Height: 160mm Length: 191mm |
| Weight | 1.1kg |
| Body housing | ABS plastic with rubber |

Consumables

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|-----------------------|---|
| Maximal roll diameter | 67.3mm |
| Media type | black-marked media, continuous, fan-fold, Roll-feed, perforated |
| Maximal paper width | 112mm |
| Minimal paper width | 50.8mm |
| Media thickness | 0.055 to 0.165mm |
| Media core diameter | 12.7 to 25.4mm |

Environment

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|------------------|---------------------------------------|
| Shock resistance | drop from 1.5 m onto concrete surface |
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