

## Alpha-4L Mobile Bar Code Printer, linerless, 203 dpi, 4 ips

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 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

Print mode	direct thermal
Print resolution	203dpi
Print speed	102mm/sec (4 ips)
Maximal print width	104mm
Maximal print length	2286mm
Operation interface	4x button, LCD display
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

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

## Electrical

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

## Mechanical

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

## Consumables

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

Shock resistance	drop from 1,5 m onto concrete surface
Operating temperature	-20 to 50°C
Storage temperature	40 to 50°C

**CODEWARE, s.r.o.**  
Jaromírova 484/37  
120 00 Praha 2 - Nusle  
IČ: 61061395, DIČ: CZ61061395

+420 222 562 444  
codeware@codeware.cz  
<https://www.codeware.cz/>

