



## Alpha-30R Basic Mobile Bar Code Printer, 203 dpi, 5 ips, USB+Bluetooth

The Alpha-30R is user-friendly and drop-resistant mobile label printer. It enhances customer service, boosts productivity and improves shopper experience in retail stores. The TSC Alpha-30R is stylish and comfortable in use and prints receipts or labels on-demand. Mobile printing operations can be carried out much faster and with more accuracy.

The Alpha-30R is compact and very efficient, it also has a large capacity smart battery that enables it to carry out a full shift of work without interruption. The Apple-certified MFi Bluetooth® 5.0 connection and 802.11ac Wi-Fi fast roaming features allow the Alpha-30R to provide reliable and seamless communication with user devices to achieve optimal mobile field-work.



It's smart battery paired with SOTI Connect and TSC Console remote printer management gives real-time visibility that helps enterprises scale their business activities seamlessly and efficiently.

The Alpha-30R design emphasizes durability, it has the most robust specifications in its class. The ruggedness of the Alpha-30R meets MIL-STD-810 military-grade standards for drop and vehicle vibrations. It has an IP54 rating and will withstand a 2.1 m drop and a 1.0 m tumble. While the protective case allows it to withstand a 2.5 m drop in a harsh environment.

YOUTUBE='EOM-h-RLxHA'



# Technical Description

Functionality & Operation	
Memory	128MB DRAM
Memory	128MB Flash
Operation interface	3x button, LCD display
Indicators	2x LED
2D Code Symbolologies	Aztec, Data Matrix, PDF417, MaxiCode, QR code
Wireless communication	Bluetooth®, NFC
Commands set	TSPL-EZ TM (Compatible to EPL, ZPL, ZPL II) or CPCL emulation, ESC/POS
Communication interface	Bluetooth 5.0 MFi, USB
1D Barcode Symbolologies	Code 39, Code 93, EAN 13/UPCA, EAN-UCC, GS1 128, Code128UCC, Codabar, Code 128 subset A.B.C., EAN 13/UPCA + ADDON 2, EAN 13/UPCA + ADDON 5, EAN 8 + ADDON 2, EAN 8 + ADDON 5, GS1 Data Bar (RSS), China Postal Code, Interleaved 2 of 5, MSI, Plessey, Postnet, UCC/EAN-128, UPCA + ADDON 2, UPCA + ADDON 5, UPCE, UPCE + ADDON 2, UPCE + ADDON 5
WPAN Features	Bluetooth® v4.2 Dual mode (2.1+EDR / BLE)
Print mode	direct thermal
Maximal print width	72mm
Print speed	127mm/sec (5 ips)
Print resolution	203dpi
Fonts	8 alpha-numeric bitmap fonts; 1 Monotype Imaging® CG Triumvirate Bold Condensed scalable font
Maximal print length	2794mm
Optical	
Sensors	black mark detector, end-of-media detector, open print-head detector, reflective
Electrical	
Main battery pack	Rechargeable Li-Ion battery 3080 mAh, 7,4V
Mechanical	
Dimensions	Width: 118mm, Height: 158mm Length: 68mm
Weight	650g
Body housing	ABS plastic with rubber
Color	dark grey
Consumables	
Maximal paper width	80mm
Maximal roll diameter	57mm
Media type	Roll-feed, black-marked media, thermal labels, roll of thermal paper
Minimal paper width	25.4mm
Media thickness	0.06 to 0.16mm
Media core diameter	12.7 to 19.05mm
Environment	
Storage temperature	-30 to 70°C
Operating humidity (non-condensing)	10 to 90%
Storage humidity (non-condensing)	10 to 90%

Shock resistance	800 tumbles at 1 m, drop from 2,1 m on to concrete surface
Ingress protection	IP54
Vibrations resistance	MIL-STD-810G
Operating temperature	-20 to 55°C
<b>Others</b>	
Certifications	RoHS, WEEE
Warranty	2 years (printer)
Warranty	25km or 12 months (print head)
Warranty	1 year (battery)

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