

TSC

The Smarter Choice.

CELEBRATING 20 YEARS



ALPHA-4L – Portable Direct Thermal Label Printer

RUGGED AND RELIABLE MOBILE PRINTING DELIVERS YOUR LABELS WHEREVER YOU NEED THEM



KEY FEATURES

- TSC Designed & Manufactured
- IP54-rated protective case to resist dust and water
- Plastic design with rubber over-mold construction that withstands 1.5 m (5 ft) drop and endures 1.8 m (6 ft) drop with its protective case
- Ready for EPL, ZPL, or CPCL environments, TSC Droid APP & SDK, WinCE Quick-link tool & SDK, iOS SDK
- Wired & wireless communication interfaces: USB 2.0, RS-232, Bluetooth, and 802.11 b/g/n
- High capacity 5800 mAh rechargeable Li-ion batteries
- Large paper capacity to reduce the frequency of changing paper roll
- Linerless ready
- High-speed processor and extensive memory for fast print speeds of up to 102 mm (4") per second
- 2-Year Warranty is best in the industry

APPLICATIONS

- Portable point of sale
- Retail item marking, markdowns, shelf labeling & shelf talkers
- Labels for shipping & receiving
- Inventory control
- Cross-docking
- Pick, pack & apply operations
- Print pick tickets
- Logistics receipts

ALPHA-4L – Portable Direct Thermal Label Printer

PRINTER MODEL	Alpha-4L
Resolution	8 dots/mm (203 DPI)
Printing method	Direct Thermal
Max. print speed	102 mm (4")/second 2, 3 ips for peeler mode
Max. print width	104 mm (4.09")
Max. print length	2,286mm (90")
Enclosure	Plastic with rubber over molded
Physical dimension	160 mm (W) x 191.6 mm (H) x 79 mm (D) 6.30" (W) x 7.54" (H) x 3.11" (D)
Weight (including battery)	1.1 kg (2.43 lbs)
Drop specification	1.5 m (5 ft) 1.8 m (6 ft) (w/ IP54-rated protective case)
IP rating	IP54 (w/case)
Max. roll capacity	67.3 mm (2.65") OD
Processor	32-bit RISC CPU
Memory	• 16 MB Flash memory • 32 MB SDRAM • microSD card reader for Flash memory expansion, up to 4 GB
Interface	• USB 2.0 • Bluetooth • 802.11 b/g/n Wireless (factory option) • RS-232 (user option)
Power	7.2V DC, 5800 mAh Li-ion rechargeable battery
Operation switch, button	• 2 buttons (Power, Feed) & 6 LED indicators (Printer, Battery, Wireless status) - standard • 4 buttons (Power, Feed, Menu, Info) & 2 LED indicators (Power, Error) & 2" LCD display, 128 x 64 pixel w/backlight - factory option
Sensors	• Black mark reflective sensor • Transmissive gap sensor • Peel sensor • Head open sensor
Real time clock	Standard
Internal fonts	• 8 alpha-numeric bitmap fonts • Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font
Bar code	• 1D bar code Code 11, Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN14, EAN128, UPC-A, UPC-E, EAN and UPC 2/5) digits, MSI, PLESSEY, POSTNET, China Post, ITF14, TELPEN, PLANET, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS • 2D bar code Code 49, PDF-417, MicroPDF417, Maxicode, DataMatrix, QR code, Aztec, CODABLOCK F mode, GS1 Databar
Printer language	TSPL-EZ™ (Compatible to EPL, ZPL, ZPL II) or CPCL emulation
Media type	Die cut, black mark, receipt, fan-fold, linerless, continuous (outside wound)
Media width	50.8 ~ 112 mm (2.0" ~ 4.4")
Media thickness	0.055 ~ 0.165 mm (2.2 ~ 6.5 mil)
Media core diameter	12.7 ~ 25.4 mm (0.5" ~ 1")
Label length	12.7 ~ 2,286 mm (0.5" ~ 90") 25.4 ~ 152.4 mm (1" ~ 6") for peeler mode
Environment condition	Operation: -10 ~ 50 °C (14 ~ 122 °F), 10 ~ 90% non-condensing Storage: -40 ~ 60 °C (-40 ~ 140 °F), 10 ~ 90% non-condensing
Safety regulation	FCC, CE, CB, CCC, TUV, SRRC
Environmental concern	Comply with RoHS, WEEE
Accessories	• Windows labeling software CD disk • Quick start guide • Belt Clip • Li-ion battery • Power adapter *SDK for iOS (iPhone & iPad), Android 2.2 or higher, WinCE/WM 6.0/6.1pro can be downloaded from website.
Limited warranty	• Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first
Factory options	• 802.11 b/g/n Wireless network • 2" LCD display, 128 x 64 pixel w/white LED backlight • Black mark reflective sensor position (default center, right, or left side) • Linerless kit
User options	• USB to RS-232 converter cable • USB cable • Li-ion battery • IP54-rated protective case • Shoulder strap • Charging station 1 cell or 4 cells (with changeable power connector) • Vehicle power adapter



CORPORATE HEADQUARTERS

TSC Auto ID Technology Co., Ltd.
Tel: +886 2 2218 6789
E-mail: printer_sales@tscprinters.com

LI ZE PLANT

TSC Auto ID Technology Co., Ltd.
Tel: +886 3 990 6677
E-mail: printer_sales@tscprinters.com

AMERICAS

TSC Auto ID Technology America Inc.
Corporate Office
Tel: +1 909 525 9779
E-mail: sales@tscprinters.com

Orlando Office

Tel: +1 407 704 8918
E-mail: sales@tscprinters.com

CANADA

TSC Auto ID Technology America Inc.
Tel: +1 909 525 9779
E-mail: sales@tscprinters.com

MEXICO

TSC Mexico Representative Office
Tel: +52 (33) 3836 6682
E-mail: sales@idc-componentes.com

BRAZIL

TSC Brazil Representative Office
Tel: +55 (11) 9597 8098
E-mail: sales@tscprinters.com

EMEA

TSC Auto ID Technology EMEA GmbH
Tel: +49 (0) 8106 37979 00
E-mail: info@tsc.eu.com

RUSSIA

TSC Auto ID Technology EMEA GmbH
Tel: +7 915 422 8889
E-mail: info@tsc.eu.com

MIDDLE EAST

TSC Auto ID Technology ME Ltd, FZE
Tel: +971 4 2533 069
E-mail: info@tscmea.com

ASIA PACIFIC

TSC Auto ID Technology Co., Ltd.
Tel: +886 2 2218 6789
E-mail: printer_sales@tscprinters.com

CHINA

Tianjin TSC Auto ID Technology Co., Ltd.
Tel: +86 22 5981 6661
E-mail: sale@tscprinters.com.cn

TSC® is a trademark of TSC Auto ID Technology Co., Ltd.
TSC Auto ID Technology Co., Ltd. is an ISO 9001/14001 registered company.
© 2013 TSC Auto ID Technology Co., Ltd.
Product models and Specifications are subject to change without notice.
Contact your TSC sales representative for specific information.



800 729 0236
www.logiscenter.us



0241 9550 9225
www.logiscenter.de



01 82 88 44 70
www.logiscenter.fr



020 3318 8265
www.logiscenter.co.uk



0720 115814
www.logiscenter.at



02 58 80 583
www.logiscenter.be



911 433 048
www.logiscenter.com



02 4792 1697
www.logiscenter.it



308 800 842
www.logiscenter.pt

About LOGISCENTER

Logiscenter is the leading provider of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

Largest stock. We have a permanent stock of more than 60,000 products.

Same-day shipping. For all orders placed and confirmed before 16:00 on working days.

Best prices. With Logiscenter, you can be sure that you are paying a fair price for your products, we will not overcharge you.

Easy returns. Damaged or defective products can be returned easily, for an exchange or reimbursement.



All Brands Technical Service

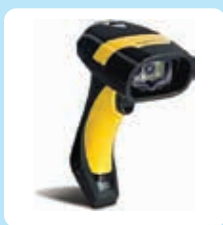
Our Brands



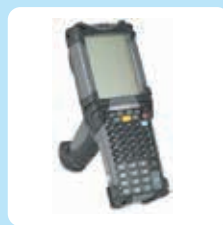
Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)