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The Smarter Choice.





ALPHA-2R – Portable Direct Thermal Printer

SMALLEST MOST AFFORDABLE MOBILE PRINTER



KEY FEATURES

- IP54-rated environmental case to resist dust and water
- Plastic design construction that withstands 1.5 m (5 ft) drop
- Wired & wireless communication interfaces: USB 2.0, RS-232, Bluetooth 4.0, Bluetooth 4.2 + MFi, NFC and 802.11 a/b/g/n (supports either WiFi or Bluetooth)
- Wi-Fi Certified™
- High capacity 1620 mAh rechargeable Lithium Ion batteries
- Large paper capacity to reduce the frequency of changing paper roll
- High-speed processor and extensive memory for fast print speeds of up to 100 mm (4") per second
- Lasts more than 17 hours of printing receipts on a single battery charge
- Supports TSPL-EZ™ (EPL2 and ZPL emulations), ESC-POS, CPCL emulation
- 2-year standard warranty

APPLICATIONS

- Direct Store Deliveries (DSD)
- Proof of Delivery and Pickup
- Field Sales/Repairs
- Mobile Point-of-Sale
- Parking Citations
- Mobile Ticketing
- Onboard Transportation Ticketing
- Utility Billing/Meter Reading
- Fleet Management

ALPHA-2R – Portable Direct Thermal Printer

PRINTER MODEL	Alpha-2R
Resolution	8 dots/mm (203 DPI)
Printing method	Direct Thermal
Max. print speed	102 mm (4")/second
Max. print width	48 mm (1.89")
Max. print length	2,286 mm (90")
Enclosure	Plastic
Physical dimension	89.3 mm (W) x 134.5 mm (H) x 56.5 mm (D) 3.52" (W) x 5.3" (H) x 2.22" (D)
Weight (including battery)	0.35 kg (0.77 lbs)
Drop specification	1.5 m (5 ft), with IP54 case can be 1.5 m (5 ft)
IP rating	IP42 (w/o case) IP54 (w/ case)
Max. roll capacity	50 mm (2") OD
Processor	32-bit RISC CPU
Memory	• 128 MB Flash memory • 64 MB SDRAM
Interface	• USB 2.0 • 802.11 a/b/g/n Wireless (factory option) • Bluetooth 4.0 (factory option) • Bluetooth 4.2 + MFi (factory option) • NFC (factory option) • RS-232 (user option)
Power	Two-cell, 7.4V DC, 1620 mAh Li-ion rechargeable battery
Operation switch, button	• 3 buttons (On/off, feed, and cover-open) • 2 color LED for printer status, 3 LEDs for battery status
Sensors	• Reflective sensor • Head open sensor
Internal fonts	• 8 alpha-numeric bitmap fonts • One Monotype Imaging® CG Triumvirate Bold Condensed scalable font
Bar code	• 1D bar code Code 39, Code 93, Code128UCC, Code128 subsets A.B.C, Codabar, Interleave 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 Data bar • 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec
Printer language	TSPL-EZ™ (EPL2, ZPL2), ESC-POS or CPCL emulation
Media type	Receipt paper, Bline receipt paper (Black mark in printing side) & Selected label
Media width	Max 58 mm (2.28") *with adapter: 50.8 mm (2") and 25.4 mm (1") (user option)
Media thickness	Receipt: 0.05 ~ 0.10 mm (2 ~ 4 mil) Label: Fasson standard label media up to 0.14 mm (5.5 mil)
Media height	Label: Min. 25.4 mm (1")
Environment condition	Operation: -20 ~ 50 °C (-4 ~ 122 °F), 10 ~ 90% non-condensing Storage: -30 ~ 70 (-22 ~ 158 °F), 10 ~ 90% non-condensing
Safety regulation	FCC , IC, CE , CB , CCC, SRRC, BC, TUV, NCC, Energy Star®
Environmental concern	Comply with RoHS, WEEE, REACH
Accessories	• Quick Start Guide • Belt clip • Li-ion battery • Power adapter
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 a/b/g/n Wireless network (supports either WiFi or Bluetooth) • Bluetooth • MFi • Linerless • NFC • Fork truck mount, cart mount
User options	• Mini type USB 2.0 • USB to RS-232 converter cable • Li-ion battery • Charge station 1 cell (with changeable power connector) • Charge station 4 cell (with changeable power connector) • Vehicle power adapter • IP54-rated environmental case with shoulder strap • 12-24V DC automobile cigarette lighter plug • Adapters for 1" or 2" media roll width

*Energy Star, MFi, Linerless will be available in December 2016



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