

ATLAS 4

Rugged 4" (111mm) Portable Label Printer

✓ Rugged, Trouble-Free Operation

- Ready to use – comes complete with media, battery and charging adaptor
- High Capacity Lithium-Ion Battery
- Withstands 4 foot drop on all sides
- 12 Month Warranty (including printhead)
- Optional Extended Warranty Available

✓ Multiple communications options

- RS232C
- Optional IrDA
- Optional integrated Bluetooth™
- Optional WLAN 802.11b/g
- Optional Magnetic Card Reader

✓ Typical applications include

- Field Service
- Route Accounting
- Utility



Atlas 4 Design Details:

Power:

- Powered by extra capacity Lithium-Ion battery cartridge (7.4V; 2200 mAh)
- Battery charges internally or externally in optional 2-bay charger

Easy to Integrate:

- Multiple communication interfaces including Serial, IrDA, Bluetooth™ and 802.11b/g
- MS-DOS and Windows compatible
- Print drivers available for Windows 98, 2000, XP, Vista
- Print utilities available for WindowsCE/Pocket PC and Palm OS
- Emulates many popular printer brands

Special Features:

- Resident fonts to enable printing from 6 to 34 characters per inch
- Printer is in-field programmable for firmware, font and logo setup
- Optional integrated Magnetic Card Reader
- Two-bay battery charger



Atlas 4 with Battery

Print Mechanism:

Printing Method:	Direct Thermal
Print Resolution:	203 dpi/ 8 dots mm
Dots per Line:	832
Printing Width:	up to 4.1" (104mm)
Printer Speed:	Up to 3.3" per second (83mm/sec) @ 7.2 Volts (actual print speed is dependent on state of battery, temperature and nature of application)

Operating Characteristics:

Character set:	A wide range of font types and sizes from ~6 cpi to 34 cpi (dependent on emulation chosen, plus scaling)
Additional Character Sets:	Arab-T, Arab-S, Arab-E, Asian fonts and an expanding catalog available for download
Bar Code Symbolologies:	
Linear:	Code 39, Code128, EAN/JAN-08, EAN/JAN-13, CODABAR, Interleaved 2 of 5, UPC (depending on emulation chosen)
2 Dimensional:	PDF417

(Downloadable fonts, graphics, logos and additional barcodes)

Memory:	
SRAM:	1MB
Flash:	2MB

Communication:

Interface:	
Standard:	RS232 (Type RJ11), USB
Optional:	IrDA Bluetooth™ WiFi 802.11b/g

Print Media:

Media Type:	Direct Thermal Paper
Paper Width:	3.125" (79mm)
Max Roll Size:	171' length (52.1mm)
Roll Core ID:	0.75" (19mm)

(For optimum print quality and printer performance, use Extech supplied paper)

Power:

Battery:	Internal rechargeable 2 cell Lithium-Ion (7.4V; 220mAh)
Battery Life:	80% of original capacity after 300 cycles (typical)
Recharging:	2 hours via on-board charger or optional external charger
External Charging Options:	
DC Power Pack:	100V – 240VAC wall adapter
In-Vehicle Charger:	12V/24 VDC in-vehicle charger (When plugged in, the printer can be used while recharging the battery or can be run without the battery)

User Interface:

Status indicators:	4 illuminated icons for general fault, wireless connection, MCR ready and battery status 2 line LCD for system alerts and messages, configuration setup and battery charge indicator
User Switches:	Power, Paper Feed and setup menu navigation
Connection:	RJ type for Data I/O IrDA (optional) Bluetooth™ (Optional) WiFi 802.11b/g (Optional) Magnetic Card Reader (Optional)

Mechanical:

Dimensions:	7.7" x 6.6"L x 3.1" (195 x 167 x 78 mm)
Weight:	
Printer with battery:	2 lbs (0.90kg)
Warranty:	
Standard:	One year standard
Optional:	Extended warranties available at extra charge

Environmental Specifications:

Operating Temperature:	10° to 122°F (-12° to 50°C)
Storage Temperature:	-4° to 140°F (-20° to 60°C)
Charging Temperature:	32° to 122°F (0° to 50°C)
Humidity:	10 - 90% RH (non-condensing)

Agency Approvals:

FCC Class B
CE Mark
UL listed AC Adapters
IP54

Ordering Information:

The Atlas 4 comes standard with RS-232, USB, Battery, 1 Roll of Media, AC Adaptor, Belt Loop System and a 1 year warranty that includes the print head.

79628S1 Atlas 4 with RS232 and USB	
[]	add "R" for 3-Track Magnetic Card Reader (e.g. 79628S1R)
[]	add "-1" for Bluetooth option (e.g. 79628S1-1)
-[]	add "-2" for WLAN 802.11b/g option
-[]	add "I" IrDA

Accessories:

756998-2	Belt Loop System
157261	AC Adaptor 100-240V
757A04	Receipt paper, pkg. of 5 rolls
7A100014-A	Spare Atlas Battery (2200 mAh)
767400-1	2-Bay Battery Charger (US plug)
767400-2	2-Bay Battery Charger (EURO plug)
767400-4	2-Bay Battery Charger (UK plug)
756986	Fixed Mounting System for Vehicle or Cart Mounting
756987	Adjustable Mounting System for Vehicle or Cart Mounting
756988	Hand Truck Mounting System, with Adjustable Arm
756989	Wire Cart Mounting Systems, with Adjustable Arm
756988	Hand Truck Mounting System, with Adjustable Arm
756989	Wire Cart Mounting Systems, with Adjustable Arm

*Specifications are subject to change without notice.
Copyright © 2008 Extech Instruments Corporation.*

All rights reserved including the right of reproduction in whole or in part in any form. (Rev 10/23/08-R3)