

# Andes 3

## 3" Rugged Receipt Printer ■ ■ ■



### features at a glance ■ ■ ■

- **Rugged Design** – The durable Andes 3 has a flame retardant heavy-duty housing that is chemical and UV resistant and comes with side and corner over-molding to withstand multiple drops to 4 feet (1.2 meters).
- **Affordable** – Standard features and accessories included with the Andes 3 include USB, RS232, Bluetooth, battery, AC adaptor, shoulder strap and a one year warranty.
- **Fast Printing** – All features supported by the Andes 3 are managed by a 7-Arm, 32 bit RISC processor ensures fast print speed of up to 3" (76mm) per second.
- **User Controlled Memory** – All resident fonts and firmware are integrated into the printer's memory meaning the 4MB Flash and 2MB memory is available to store your logos, fonts, graphics and barcodes.
- **Easy to Use** – Simplified LED lights indicate Power/Communication, Battery Status/Charging, options and error. It holds a paper roll of up to 130ft (40m) and a simple "drop-in" paper load system allows for quick paper roll replacement. Transparent door inserts let you see when paper roll is running low.
- **Options** – IrDA, 802.11b/g, and magnetic card reader.
- **Endurance** – A high-capacity lithium-ion battery lasts a full shift on a single battery charge.
- **Graphics** – Supports the printing of graphics, 1D and 2D Symbologies.
- **Charging Options** – Standard: AC adaptor included with printer. Optional: vehicle charger, vehicle mount and external 2-Bay batter charger.

The Datamax-O'Neil Andes 3 printer was designed for the rough and tumble environment of the mobile field worker. Rugged, lightweight and easy to use, the Andes 3 is the perfect choice for companies who need a durable printer at an affordable price.

The Andes 3 is lightweight and compact with all the features and options necessary to keep pace with today's changing requirements in field service, law enforcement, retail, hospitality and route accounting applications. The Andes 3 can be worn comfortably all day with a shoulder strap or swivel belt loop. Its large paper capacity and easy "drop-in" paper loading means less downtime and higher efficiency. The Andes 3 is powered by a high-capacity, long lasting Lithium-Ion battery that lasts through an 8 – 10 hour shift. The Arm-7, 32 bit architecture RISC processor allows receipts to print quickly with ample memory for logos, graphics, fonts and barcodes.

The affordable Andes 3 comes equipped with USB, RS232 and Bluetooth as well as a universal AC adaptor, shoulder strap, battery, spare paper roll and includes a one year warranty (including printhead). Options include IrDA, Wi-Fi, 3-Track magnetic card reader as well as a variety of accessories. With its low price point, the Andes 3 offers the options and features of higher priced products without compromising on quality and strength.

### popular applications ■ ■ ■



#### Travel

- Payment Receipts
- Ticketing



#### Field Service

- Service Receipts
- Credit Card Receipts
- Pick-ups/Deliveries
- Signature proofs



#### Mobile POS

- Credit Card Transactions
- Transaction Receipts
- Queue Busting



#### Route Accounting

- Delivery Receipts
- Inventory Reports
- Credit Card Transactions



#### Did you know?

Using quality paper can significantly prolong the life of your printhead. Datamax-O'Neil offers 7 grades of high quality receipt paper for the Andes 3 Printer. When you choose Datamax-O'Neil Certified Supplies you receive a proven commitment to superior quality that results in performance and compatibility...Guaranteed.



### your benefits ■ ■ ■

#### Ruggedness and affordability –

The Andes 3 is a proven design that has earned a reputation for durability in applications around the world. With its affordable pricing, the Andes 3 offers companies the options and features of higher priced printers without compromising on quality and performance.



datamax • o'neil  
right by our customers.

## physical characteristic ■ ■ ■

- Dimensions:
  - 6.9" L x 4.8" W x 3.5" H (175 x 123 x 86 mm)
- Weight:
  - Printer with battery: 23 oz (0.779 kg)
  - Printer with battery & paper roll: 33.6 oz (0.953 kg)
- Drop specifications: 4 ft. (1.2 m)

## user environment ■ ■ ■

- Operating Temperature: 14° to 122°F (-10° to 50°C)
- Storage temperatures: -4° to 140°F (-20° to 60°C)
- Charging temperatures: 41° to 104°F (5° to 40°C)
- Relative humidity range: 10% RH to 85% RH non-condensing
- ESD Protection: 8kV Air/ 4kV Contact

## print technology ■ ■ ■

- Printhead:
  - Direct Thermal
  - 203 dots per inch (8 dots per mm)
- Print mechanism speed:
  - 3 inches per second (76 mm per second)
- Print width:
  - 2.83" (72 mm)

## media ■ ■ ■

- Media Type:
  - Direct thermal receipt paper (standard, premium, heavy duty, long-life, image protect, hi-temp, and all weather)
  - For optimum print quality and printer performance, use Certified Datamax-O'Neil supplies
- Paper Width:
  - 3.094" (78.6 mm)
- Max Roll Size:
  - 2.2" (55.88 mm) maximum roll O.D.
- Max Media Thickness:
  - 6 mil
- Media I.D. Core:
  - 0.4" (10.16 mm)

## communication ■ ■ ■

- Serial:
  - RS232, up to 460.8 kbps
- USB:
  - 2.0
- Bluetooth:
  - Version 2.0
- 802.11 b/g: (optional)
  - Frequency band 2.400 to 2.490 GHz
  - Data rates up to 54 Mbps
  - Network standard: IEEE 802.11 b/g
  - Wireless access modes: Infrastructure and ad-hoc
  - Security Protocols:

	WPA	WPA2
Modes	PSK/Enterprise	
Security/Encryption	TKIP/RCA	CCMP/AES
Authentication	LEAP	

- Network support: DHCP, TCP, UDP

## barcodes/fonts/graphics ■ ■ ■

- Memory:
  - 2MB RAM / 4MB Flash
- Linear: Codes 39, Code128 A/B/C, UCC/EAN-128, Interleaved2 of 5, UPC/EAN/JAN and Codabar
- 2D Symbologies: PDF417
- Optional characters: Simplified & Traditional Chinese, Hebrew, Arabic, Polish, Greek, Cyrillic
- Graphics: Supports 8-bit graphic printing, custom font, logo downloading
- Standard fonts:
  - ASCII, International, PC Line draw
  - 12CPI, 16CPI, 19CPI, 21CPI, 24CPI, 13CPI rotated

## power source ■ ■ ■

- Battery:
  - (1) 7.4V Lithium-Ion, 2200 mAh
- DC Input (for charging only):
  - External DC jack, 10V, built-in spike and surge protection
- Endurance:
  - Serial: prints approx. 969 - 6" receipts
  - Bluetooth: prints approx. 936 - 6" receipts
- Recharging:
  - 3 hours from AC adapter or cigarette adapter

## software ■ ■ ■

- Configuration Utility includes:
  - Font Download
  - Bluetooth® Set-up
  - Wi-Fi Set-Up
  - Communications Parameter set-up
  - Printer Custom Attributes Set-up
  - Logo Download
- Drivers:
  - Windows, CE and Desktop
- Form Fiesta Page Printing Utility
- Bootloader for Uploading Firmware

## options ■ ■ ■

- 802.11 b/g
- Integrated magnetic strip card reader

## accessories ■ ■ ■

Andes 3 comes complete with Belt Loop, Battery, Universal AC Adapter and 1 Roll of Media.

Accessories:

- Replacement Battery – Li-Ion 7.4V 2200 mAh
- Belt Loop System or Shoulder Strap System
  - Carry the printer comfortably either on your belt or on the shoulder
- Cigarette Lighter Adapter – Allows you to charge the printer from the vehicle cigarette lighter
- USB Cable – USB data cable with gold plated contacts
- Battery Charger – 2 Bay battery charger for charging Li-Ion batteries (batteries not included)
- Cleaning Cards – Use of clean card is recommended to extend the life of the printhead

## agency approval ■ ■ ■

Contact sales representative for the most current approval list

## warranty ■ ■ ■

- Printer\*: 1 year (including platen roller and installed options)
- Printhead\*: 1 year or 1,000,000 inches whichever comes first
- Contact sales representative for extended warranty options

*\*when used with approved supplies*