

# Honeywell Compatible PrintPAD™

## Integrated Printing System ■ ■ ■



### features at a glance ■ ■ ■

- **Compatible with Honeywell mobile computers - Dolphin 99EX**
- **Optional Bluetooth® wireless connectivity** enables the printing of receipts and invoices wherever they are needed
- **Optional DEX communication** enables seamless communication with the store's DEX system by plugging directly into the PrintPAD's external DEX port
- **Swipe-style card reader** allows users to print receipts and process payments easily in the field
- **Graphics:** Supports the printing of graphics, 1D barcodes, 2D symbologies, and signature capture
- **Intelligent power management** and programmable sleep mode for extended battery life
- **Charging options** include external charge contacts, AC adapter or 12V vehicle cigarette adapter. Charge both the printer and mobile computer at the same time from a single device.
- **Rugged and reliable,** the PrintPAD 99EX was engineered to withstand even the most punishing portable applications. This is the industry's only PrintPAD- type device to publish a 6 ft. drop specification.
- **Warranty:** Comes with the industry's only two-year standard warranty – twice that of the competition

The PrintPAD 99EX integrated printing system offers mobile workers the convenience of a portable thermal printer and mobile computer united in a compact and ergonomic, rugged and reliable unit. This PrintPAD series was designed for use with Honeywell's Dolphin™ 99EX mobile computer.

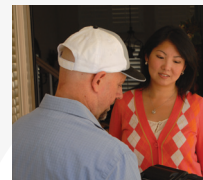
The sleek design of the PrintPAD allows users to conveniently and securely carry their mobile computer, communicate with the printer, as well as charge both the mobile computer and the printer, all in a single integrated package. This innovative one piece printer system combines an enhanced 4" wide thermal printer, the 4te, with an embedded communications charging cradle designed for use in a number of applications including route accounting, direct store delivery and field service.

### popular applications ■ ■ ■



#### Beverage and Food Sales

- Delivery Receipts
- Inventory Reports
- Route/Labor Scheduling
- Credit Card Transactions



#### Field Service

- Service Receipts
- Pickups/Deliveries
- Signature Proofs
- Credit Transaction Receipts



#### Route Accounting/ Direct Store Delivery

- Delivery Receipts
- Inventory Reports
- Route/Labor Scheduling
- Credit Card Transactions



#### Mobile POS

- Transaction Receipts
- Rain Checks
- Coupons
- Queue Busting

### your benefits ■ ■ ■

**Increased productivity** – Using a reliable printer means your operation will run smoothly without downtime. The PrintPAD offers an integrated solution that will increase the efficiency of field workers.

**Safe and secure** – In the storefront, at the office, in the warehouse, and on the road, wireless technology is a critical tool for conducting business. To help ensure your wireless transactions are secure, the PrintPAD offers a broad range of security and encryption protocols that are compatible with today's high-tech security requirements.

**Lower total cost of ownership (TCO)** – Save money on unnecessary charging accessories and expensive extended warranties. Datamax-O'Neil is the only company to stand behind its mobile thermal printers with a two-year standard warranty.



#### Did you know?

Using quality labels and paper can significantly prolong the life of your printhead. Datamax-O'Neil offers a wide variety of high quality media for its printers including custom and stock labels and receipts, ticketing media, and cleaning products. When you choose Datamax-O'Neil, you receive a proven commitment to superior quality. Quality that results in performance and compatibility... Guaranteed.



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right by our customers.

## Simplify Daily Operations: Carry, Charge, Communicate

### Carry

The PrintPAD is designed to simplify your daily operations. With the PrintPAD, users carry both their handheld computer and printer in one convenient well-designed unit. Using a single integrated product eliminates the hassle of juggling multiple devices and decreases the chance of dropping or misplacing a device in the field. The PrintPAD also provides another layer of protection to your handheld computer.

### Charge

The PrintPAD provides a smart recharging solution by charging both the handheld and the printer at the same time from a single AC or car adapter. That means you have half the adapters to buy and keep track of on the road. This is not only convenient for workers in the field but also reduces the cost associated with purchasing and maintaining multiple charging devices.

### Communicate

The PrintPAD provides seamless communication between the handheld computer and printer. When the handheld is in the cradle, it communicates directly with the printer. An integral Bluetooth option gives mobile workers the ability to communicate with the printer wirelessly when the handheld device is not residing in the PrintPAD. The optional DEX port makes DEX connections to central distributors easy without the need for special software or mechanical switches.



PrintPAD 99EX

## Cost Effective . . .

In today's cost conscious market, the purchase cost and the cost to maintain a solution are critically important.

**Fewer accessories** - In a typical solution using a separate printer and mobile computer, you need accessories for both devices. But with the PrintPAD you don't need all those cables. Since the PrintPAD charges both devices at the same time, all you need is a cigarette adapter and an AC Adapter. That means you save up to 90% on the initial purchase plus the hidden cost to maintain all those devices.

**Reliable** - Reliability is an important attribute in keeping your mobile workforce productive and profitable. The PrintPAD offers a proven design with 15 years of product refinement and an uncompromising standard for reliability. In fact, Datamax-O'Neil offers the only "PrintPAD" type device with a published 6-foot drop specification. With this type of durability, it's easy to see why Datamax-O'Neil is also the only company to include a two-year standard warranty.

**No hidden costs** - Another way to keep cost down is to look for hidden costs. Unlike some other products on the market, the PrintPAD batteries are included in the purchase price. And when its time to replace them, the PrintPAD uses economical replacement batteries. This can add up to big savings for your company.



### Looking for a desktop label printer?

Datamax-O'Neil manufactures an extensive selection of desktop label printers that are ideal for manufacturing, warehouse, healthcare, ticketing, postal services and RFID labeling requirements. Competitive custom and standard media products are also available for all your label, receipt and ticketing needs.



# product specifications ■ ■ ■

## physical characteristic ■ ■ ■

- Dimensions:
  - 7.5" H x 11.8" W x 2.4" D  
(190.5mm H x 299.7mm W x 60.9mm D)
- Weight (with batteries, paper and handheld):
  - With 99EX Standard battery; 63.5 oz (1.8kg)
  - With 99EX Extended battery; 66.12 oz (1.87kg)
- Drop specification:
  - 6 ft. (1.83 m) tested with handheld

## user environment ■ ■ ■

- Operating temperature:
  - 4° F to 122° F (-20° C to 50° C)
- Storage temperature:
  - 40° F to 158° F (-40° C to 70° C)
- Charging temperature:
  - 41° F to 104° F (5° C to 40° C)
- Relative humidity:
  - 10% to 90% non-condensing
- ESD protection:
  - 8 kV Air, 4 kV contact

## print technology ■ ■ ■

- Printhead:
  - Direct thermal
  - 203 dots per inch (8 dots per mm)
- Print width:
  - 4.10" (104.1mm)
- Print mechanism speed:
  - 2" per second (51 mm per second)

## power source ■ ■ ■

- Batteries:
  - (2) 7.2V Lithium-ion (Li-ion), 2200 mAh (for a total of 4400 mAh)
- DC inputs (for charging only):
  - External DC jack, 12-15V, built-in spike and surge protection
- Endurance:
  - Bluetooth: prints approx. 1,320 – 6.2" (157.5mm) receipts or 8,184" on a single battery charge
- Printer recharging:
  - 7 - 9 hours from AC adapter or cigarette adapter
- Handheld recharging:
  - 4 - 6 hours depending on battery type from either AC adapter or cigarette adapter

## communication ■ ■ ■

- Serial:
  - RS-232; up to 460.8 kbps
- USB\*:
  - 2.0 (full speed)
- Cradle:
  - Standard Dolphin 99EX interface connector
- Bluetooth:
  - Supported versions: v1.2 (compatible with v1.1 devices)
- DEX port (optional):
  - DEX/UCS standard

## media ■ ■ ■

- Media type:
  - Direct thermal receipt paper (standard, premium, heavy duty, long-life, image protect, hi-temp, and all weather), synthetic media, UV coated media
  - Limited label support
- Maximum roll capacity:
  - 2.25" (57.15mm) O.D.
  - 0.4" (10.16mm) I.D. core
- Roll width:
  - 4.41" (112.01mm)
- For optimum print quality and printer performance, use Certified Datamax-O'Neil supplies

## agency approval ■ ■ ■

Contact sales representative for the most current approval list

## warranty ■ ■ ■

- 2 years (including platen roller, printhead, and installed options) when used with approved supplies
- Contact sales representative for extended warranty options

*\*Download USB driver from the Support section of our website*

## barcodes/fonts/graphics ■ ■ ■

- Memory:
  - 2MB RAM / 4MB Flash
- Standard fonts:
  - 5.5CPI, 7.2CPI, 10.2 CPI, 10.7CPI, 18.5CPI 20.4CPI, 22.6CPI & 34.0CPI (additional fonts available)
- Optional characters:
  - Arabic, Greek, Hebrew, OCRA, OCRB, Unicode subset including Latin & Thai
  - Asian (including Big 5, Simplified Chinese, Korean and Shift JIS) - additional international characters available (*not available on the 4t*)
- Barcodes:
  - Linear: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN13, Interleaved 2 of 5, MSI/Plessey, UCC/EAN-128, UPC-A, UPC-E
  - 2D symbologies: PDF417, AZTEC, QR, GS1, Datamatrix (available on wireless only)
- Graphics:
  - Supports storage of graphics/logos in Flash memory and transient "print once" graphics

## software ■ ■ ■

- Protocol:
  - Line Printer Mode, Easy Print®
- Drivers:
  - Windows® CE and Desktop
- Compatible label design software:
  - NiceLabel, BarTender®, DP Designer
- Software development kit:
  - C++, Visual Basic, Java, Microsoft Dynamics, Blackberry
- Device interface:
  - OPOS, JPOS

## options ■ ■ ■

- Wireless Bluetooth communication
- Magnetic stripe card reader
- External charge contacts

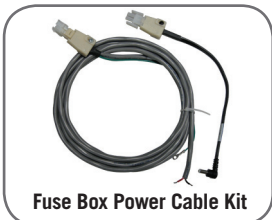
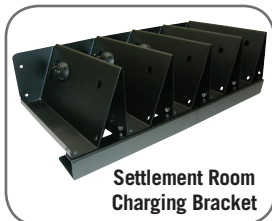
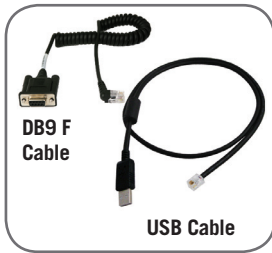
**DTransfer**

### Thermal Transfer on the Go

Learn more at: [www.datamax-oneil.com/supplies](http://www.datamax-oneil.com/supplies)

With *DTransfer™* media exclusively from Datamax-O'Neil, you can print durable, weather-resistant thermal transfer labels directly from your PrintPAD portable printer. *DTransfer* incorporates a long-life, abrasion and scratch-resistant polypropylene thermal transfer label stock with a thermal transfer ribbon onto a single roll. Now, printing thermal transfer labels on-the-go is as easy as loading a roll of *DTransfer* media into your PrintPAD.

**Included with each PrintPAD:** (2) batteries, (1) hand strap and (1) paper roll



**required** ■ ■ ■

<b>AC Adapter</b>	AC Adapter available with US, UK, Australia, or Euro plugs
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**recommended** ■ ■ ■

<b>Cigarette Adapter</b>	Allows you to charge the printer from the vehicle cigarette lighter
<b>DB9 F Serial/Configuration Cable</b>	7' DB9 F coiled right angle cable for connecting to a laptop or desktop computer
<b>DEX Cable</b>	For use with models with optional DEX port
<b>USB Cable</b>	DB9 right angle USB download cable
<b>Cleaning Cards &amp; Kits</b>	Use of cleaning cards is recommended to extend the life of the printhead (visit <a href="http://www.datamax-oneil.com/supplies">www.datamax-oneil.com/supplies</a> for more information)

**optional** ■ ■ ■

<b>Vehicle Mounting Bracket</b>	Metal bracket mounts in the vehicle and holds the PrintPAD securely in place. Bracket can also be wall mounted in the settlement room
<b>Vehicle Mounting Charging Bracket</b>	Allows you to mount and charge (1) PrintPAD equipped with optional external e-charge contacts; US, UK, Australia, Swiss, and Euro versions available
<b>Settlement Room Charging Bracket</b>	Allows you to charge (5) PrintPADs equipped with optional external e-charge contacts; US, UK, Australia, Swiss, and Euro versions available
<b>Fuse Box Power Cable Kit, 10'</b>	Charge your printer from a vehicle's fuse box Extension cables available in 3', 6', and 10' lengths for existing installations
<b>Spare Battery</b>	Lithium-Ion, 7.2V, 2200mAh (PrintPADs require 2 batteries per printer)
<b>Double Bay Battery Charger</b>	2-bay battery charger keeps additional batteries charged and ready for use
<b>75" Shoulder Strap</b>	Adjustable strap allows the user to comfortably carry the PrintPAD from the shoulder
<b>Hand Strap Kit</b>	Replacement kit for handstrap
<b>3" Spindle Bracket</b>	Turns the PrintPAD into a 3-inch printer