

CN51 PrintPAD™

Integrated Printing System

The PrintPAD™ integrated printing systems offer 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 CN3, CN4, CN3e, CN4e, CN70/70e and CN51 mobile computers.

The sleek design of the PrintPAD allows users to conveniently and securely carry their mobile computer and 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 101.6 mm (4 in) 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.

Using a reliable printer means your operation will run smoothly and without downtime. The PrintPAD offers an integrated solution with the capability to increase the efficiency of field workers.

The PrintPAD provides a smart recharging solution by charging both the handheld unit and the printer simultaneously from a single AC or car adaptor, saving money on unnecessary charging accessories and expensive extended warranties. Datamax-O'Neil by Honeywell is the only company to stand behind its mobile thermal printers with a two-year standard warranty.

The PrintPAD is a convenient, well-designed unit that eliminates the hassle of juggling multiple devices.



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.

FEATURES & BENEFITS



Compatible with Honeywell mobile computers - CN3, CN4, CN3e, CN4e, CN70/70e and CN51.



Bluetooth® wireless connectivity enables the printing of receipts and invoices wherever they are needed.



Supports the printing of graphics, 1D barcodes, 2D symbologies and signature capture.



Intelligent power management and extended battery life. Optional external charge contacts, AC adaptor or 12V auto power adapter.



Rugged and reliable, the PrintPAD withstands punishing portable applications and features a 1.8 m (6 ft) drop specification.

Technical Specifications

PHYSICAL CHARACTERISTICS

Dimensions (HxWxD): 190.5 x 299.7 x 60.9 mm
(7.5 x 11.8 x 2.4 in)

Weight (With Batteries, Paper and Handheld):

With CN51 handheld: 1.7 kg (60.0 oz)

With CN3 handheld: 1.9 kg (68.4 oz)

With CN3e handheld: 2.0 kg (72.4 oz)

With CN4 handheld: 1.9 kg (68.4 oz)

With CN4e handheld: 2.0 kg (72.4 oz)

With CN70 handheld: 1.9 kg (70.3 oz)

Drop Specification: 1.8 m (6 ft) tested with handheld

USER ENVIRONMENT

Operating Temperature: -20°C to 50°C
(-4°F to 122°F)

Storage Temperature: -40°C to 70°C
(-40°F to 158°F)

Charging Temperature: 5°C to 40°C
(41°F to 104°F)

Relative Humidity: 10% to 90% non-condensing

ESD Protection: 8 kV Air, 4 kV contact

PRINT TECHNOLOGY

Printhead: Direct thermal, 8 dots per mm
(203 dots per in)

Print Width: 104.1 mm (4.1 in)

Print Mechanism Speed: 51 mm per second
(2 in 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,
157.5 mm (6.2 in) receipts or 207.9 mm (8.2 in)
receipts on a single battery charge

Printer Recharging: 7-9 hrs from AC adapter or
12V auto power adapter

Handheld Recharging: 5 hrs from AC adapter or
12V auto power adapter

COMMUNICATION

Serial: RS-232; up to 460.8 kbps
USB*: 2.0 (full speed)

Cradle: Standard CN3/CN3e/CN4/CN4e
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: 57.2 mm (2.3 in) O.D.;
10.2 mm (0.4 in) I.D. core

Roll Width: 112 mm (4.4 in)

*For optimum print quality and printer
performance, use certified Honeywell
media supplies.*

AGENCY APPROVAL

*Contact your Honeywell sales representative for
the most recent list of agency approvals.*

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

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/FIRMWARE

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 Configuration Tool

OPTIONS

External Charge Contacts

Magnetic Stripe Card Reader

Wireless Bluetooth® Communication

WARRANTY

Standard Warranty: 2 years*

Extended Warranty: Contact your Honeywell
sales representative for extended warranty options
available through Honeywell Repair Services

* Covers platen roller, printhead and installed options

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CN51-PrintPAD-Mobile-Receipt-Printer-Datasheet-Ltr
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