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 adapter 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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