DCP Data Collection PC

Ross Technologies Group, LLC

The smart choice for your data collection needs

The DCP family of terminals offers cost effective yet extremely powerful data collection functionality. The terminals includes an embedded PC and real-time interface board, providing advanced hardware functionality and performance, to meet the most demanding applications. The compact size and rugged enclosure simplify integration.

Since the terminal uses industry standard operating systems, drivers exist for a wide variety of peripherals. Using an Open OS, allows freedom to from a wide choice of scanners, readers, sensors, and biometric devices.

If it works with a PC; it will work the DCP thus making it easy to integrate the reader of your choice. The open architecture reduces cost and simplifies support and integration.

The DCP includes a display, sealed membrane keyboard w/ numeric keys and real-time I/O. The function keys include a translucent pocket. This pocket allows the function keys to be customized by inserting print paper into a side slot. Two HID proximity ports, a serial port and TTL IO with 2 relays are included to accommodate even the most demanding requirements.

Choose the optimal configuration for your application:
1. *DCP-440 4x40 LCD display & Keyboard with embedded motherboard*
2. *DCP-800 8" Graphics Display & keyboard with embedded motherboard*

The terminal is installed easily by sliding and locking into place. The reliable fan-less operation, eliminating mechanical failure.

DCP-440 features:
○ Intel Atom Dual Core, no fan and no moving parts
○ Ethernet, 32GB SSD, SVGA/HDMI, Serial
○ 12VDC direct or 120VAC mini-power brick or POE option
○ 4 USB 2.0, 2 USB 3.0, 4GB Ram
○ Easy installation; unlock and slide

Optional features:
○ Preloaded OS win7 & bootable thumb drive recovery tool
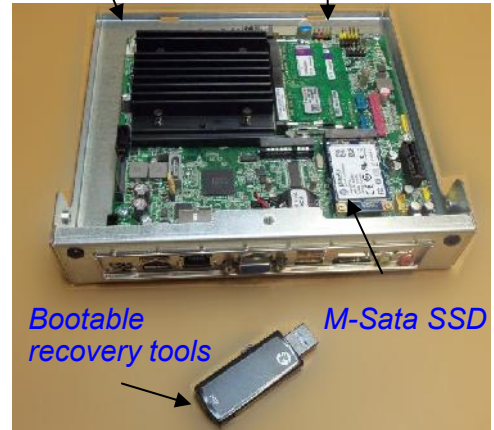○ Desk, wall, and post mounting options
○ Wifi

DCP800 Biometric Labor Terminal

Highlights

Compact Operator Interface
Rugged & Functional Design
4 x 40 Character or Graphic Display
Wired or wireless
12VDC or 120VAC operation or POE
Sealed Tactile membrane keypad
User Customized Function Keys
Open & Flexible architecture
Intel embedded processor board
Standard IT hardware and Win7 OS
Dual Core Fan less Processor
Beeper, and LED feedback
HID Prox, Barcode, Biometric readers

DCP-440

Data Collection Computer Options

DCP-440 with advanced features, ready to tackle the toughest application requirements

Space Saving Design

DCP-440

DCP-440 Solid state (No moving parts) Embedded Intel motherboard Atom N2800 32Bit CPU

2GB or 4GB DDR3 Memory

Bootable recovery tools

M-Sata SSD

Bootable USB Recover Tools

If the OS becomes corrupted or want to restore for any reason, we offer a simple and fast method to get the DCP back online. Working together we can create a bootable image that contains the OS, drivers and application software. Once the "Golden image" is created, we can use the bootable USB drive to restore the image in as little as a few minutes.
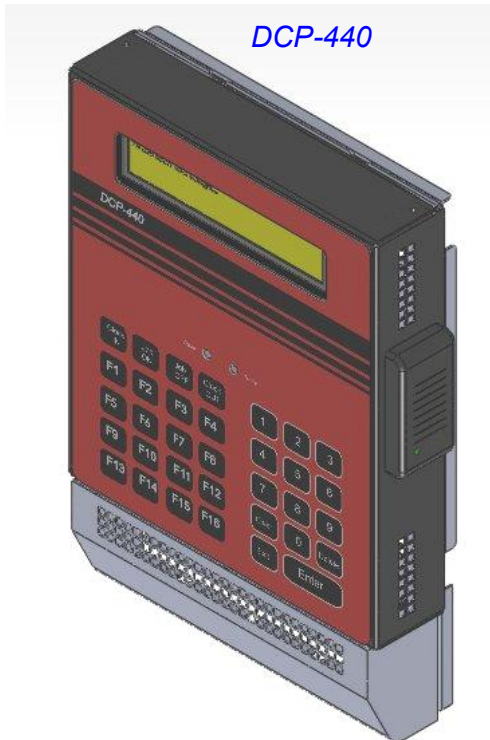
DCP-440

Proximity & Biometric Finger reader sensors

Torx screw for security and easy of installation

Digital I/O and 2) 5A Dry Contact Relays
4 Analog inputs for general purpose

DCP Features & Options

Choosing the right hardware:

DCP-440

DCP-440 supports a wide choice of peripherals:
- *Barcode readers, HID readers,*
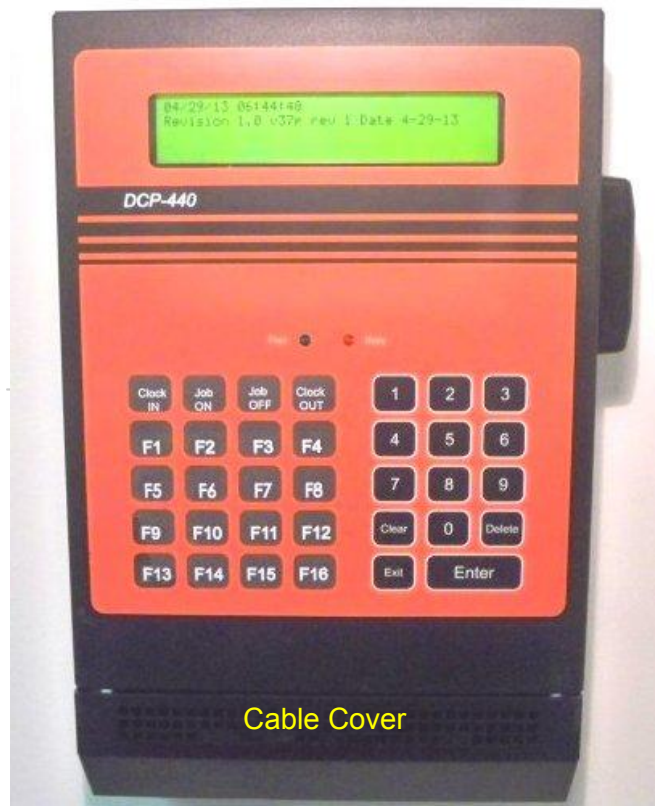- *Biometric finger readers, optional touch*

Model DCP440 with 4x40 LCD and HID reader
34 key membrane keypad, 4 USB ports, Ethernet, VGA, HDMI, and Audio jack

WIFI & Peripherals

DCP-440 consumes less than 65Watts of power and operates Fan-less with solid state electronics and no moving parts

Cable Cover

DCP Features & Options

POE 60W DC Splitter

POE 60W DC Injector

The DCP440 can be powered using the included AC/DC adapter or using POE (power over Ethernet) injector/splitter adapters. The central POE60W-INJ can be powered off a UPS to provide uninterrupted service
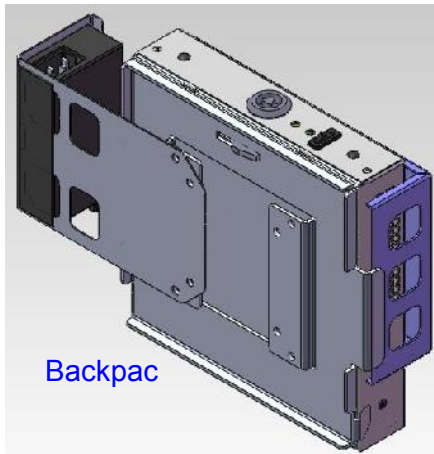

The AC to 12VDC Power Adapter can be tie-wrapped to the optional wall bracket or mounted inside the wall.

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DCP-MPC Monitor PC with Touch

Need a Full Graphic touch interface? Consider the DCP-MPC with Touch.

The compact Backpac PC module makes it easy to integrate a standard 15 or 19 inch touch monitors. Vesa mounting is provided for compatibility with a variety of standard arms and brackets.

Wall mount, desktop, or pole mounting options.
A rear vesa bracket, is provided to allow vesa mounting to the back. The front vesa is used to mount the monitor, the rear vesa is provide to attach a stand or pole for desk mounting or anchors for wall mounting. The vesa bracket detaches and mounts to the wall.

DCP-MPC Monitor PC with Touch

Backpac

Backpac Vesa Front & Back Cage

The Backpac version is offered with or without a display, and can attach to the rear of most monitors.

Key lock for security and easy of installation

DCP-MPC backpac model integrated with 15-19" touch monitor

Simplified Wall Mounting:
Is accomplished by mounting the included bracket to the wall with anchors. Once the vesa bracket is attached to the wall, the unit sides into place.