Specifications

Physical and Environmental Specifications

Physical Dimensions (excluding overmold)

Length: 16.0 cm (6.3") Width: 8.1 cm (3.2")

Height: 3.3 cm (1.3") with standard battery

2.8 cm (1.1") with extended battery

Weight: Non-WAN units - 14 oz

WAN units w/standard battery - 15 to 16 oz WAN units w/extended battery - 16 to 17 oz

Hardware

Microprocessor: Intel XScale PXA270 Application Processor: 520 MHz RAM Memory: 128 MB RAM

Persistent Storage: 128 MB NAND Flash, provides onboard

non-volatile storage of applications and data

Removable Storage: miniSD Card Slot, user-accessible

Keypad: numeric or QWERTY; w/LED backlighting Scanner Options: EA11, EA11HD scan engine or Color Camera

Operating System

Microsoft Windows Mobile 5.0

Software

Development Environments:Embedded Visual C++ 4.0,

.NET Compact Framework (VB. NET, C#)

IDL: Integrates with leading development

environments; supports device-specific

features and bar code scanning

Browser support: Internet Explorer 6-compatible

Bar Code Scanning

Options of Integrated 2D Area Imager or 1D & PDF417 Linear Imager Supports all popular 1D and 2D symbologies including Australian Post, British Post, Codabar, Codablock A, Codablock F, Code 11, Code 2 of 5, Code 39, Code 93, Code 93i, Code 128, Datamatrix, Dutch Post, ISBT 128, Interleaved 2 of 5, Macro 2 of 5, Matrix 2 of 5, Maxicode, Micro PDF417, MSI, PDF417, Planet, Plessey, Postnet, QR Code, RSS 14, RSS Expanded, RSS Limited, Telepen, TLC39, UCC-EAN Composite Code, UPC/EAN

Standard Communications

USB host, USB client, Bluetooth, 802.11b/g, GPRS, CDMA, GPS

Wireless LAN

Standards Compliant: IEEE 802.11g (2.4 GHz - OFDM)

IEEE 802.11b (2.4 GHz - DSSS)

Data Rates: Up to 54 Mbps for 802.11g

Up to 11 Mbps for 802.11b

Radio Power Output: 100 mW

Security: WEP, WPA, 802.11i, 802.1x

(EAP-TLS, TTLS, LEAP, PEAP, EAP-FAST)

Certifications: Wi-Fi, WPA, WPA2, Cisco Compatible

Extensions

Device Management

SmartSystems[™] Support: Centralized remote support capability;

configures, updates, and maintains single

devices or entire populations;

real-time or batch, wired or wireless.

Based on Wavelink Avalanche™ with Intermec

value added utilities.

Power Specifications

Operating: Removable, rechargeable LiIon batteries;

AB8 standard pack, 3.7 VDC, 2.2 AHr,

(8 W-hr - 4 hr charge time); or AB9 extended pack, 3.7 VDC, 4.0 A Hr,

(14 W-hr - 5 hr charge time);

battery life is application-dependent;

typical recharge cycle time is 4 hours or less Super capacitor supplies 5 minutes bridge time

while replacing the AB8 or AB9 Battery

Electrical Specifications

External Charge Power: 5 V +/-5% @ 3.5 A max. (18 W max.)

Environment

Backup:

Operating temperature: -10° to 50°C (14° to 122°F)
Storage temperature: -20° to 70°C (-13° to 158°F)
Humidity: 5% to 95% noncondensing

Electrostatic Discharge: ±8 kV Contact Discharge; ±15 kV Discharge

Rain and Dust Resistance: IP54 compliant

Drop Survival: Multiple 1.2 m (4 ft) drops to steel or concrete

Screen Specifications

Transflective TFT; QVGA Color with touch panel; 240x320 pixels; 8.9 cm (3.5 in) diagonal active area; 5-level LED backlight control with settings

Regulatory Approvals

UL and cUL Listed, UL 60950 and UL 1604 and CSA 22.2 No. 157, FCC Part 15, TUV, CE mark

Accessories for the Computer

AC14 Quad Battery Charger (P/N 852-065-001)

Use the quad battery charger to charge up to four CN3 battery packs.

AD10 Single Dock (P/N 871-025-001)

Use the single dock to hold a CN3 with its battery installed, charge a spare battery pack, charge the main battery, and provide power to the CN3. The dock has USB host and client connectors. Optional modules are available to convert the USB host to Ethernet or to a landline modem.

AD11 Multidock (P/N 871-026-001)

Use the multidock to hold up to four CN3s with batteries installed. The multidock charges the batteries and provides power and Ethernet connections to each CN3.

AD12 Charge-Only Multidock (P/N 875-026-002)

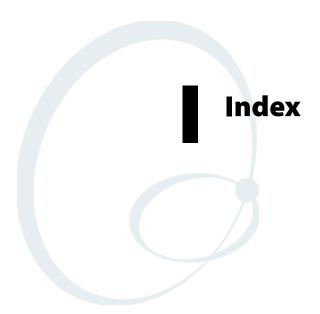
Use the charge-only multidock to hold up to four CN3s with batteries installed, charge batteries, and provide power to CN3s.

AV6 Vehicle Dock (P/N 871-027-001)

Use the vehicle dock to hold and charge the CN3 while using it on a vehicle.

AR1 Magnetic Card Reader (P/N 850-557-001)

The magnetic card reader provides magnetic stripe reading capability to the CN3.



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