CK61

Mobile Computer

- **Rugged design offers years of reliable service**

- **Choice of Windows® CE 5.0 or Windows Mobile™ 5.0 operating system**

- **Optional 128MB RAM, 64MB RAM standard**

- **128MB of non-volatile storage protects valuable data**

- **QVGA display with touch screen enables both text-based and graphical interface applications**

- **Choice of advanced, integrated Intermec imaging technologies**

- **Cisco Compatible 802.11a/b/g radio with choices of industry standard wireless security protocols**

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Power, Strength, and Speed

Intermec's CK61 mobile computer provides everything required by the most demanding environments; a rugged design, all-day battery capacity, next generation processor technologies, and non-volatile storage combine to provide years of reliable service. The Intermec CK61 does it all.

Rugged Design

The CK61 utilizes a magnesium top cover and tough rubber bumpers at each corner to achieve extremely rugged environmental specifications. To ensure years of trouble-free service, the case is sealed against water and dust to IP64 standards and can withstand repeated 6' drops.

Data Storage

Onboard non-volatile memory called persistent storage, preserves applications and databases even if the batteries become depleted. An additional 128MB persistent storage, an exclusive feature of the CK61, enables storage of large enterprise databases and applications. The CK61 also offers an SDIO card slot supporting removable storage cards, which allows easy recovery of data from a damaged unit or even more onboard capacity for the largest databases.

Compatibility and Flexibility

The CK61 is available with either Microsoft® Windows® CE 5.0 or Microsoft Windows Mobile™ 5.0 software for Pocket PC. Microsoft Windows CE provides significant flexibility to those customers who wish to control the user experience; Microsoft Windows Mobile offers a standard platform which can easily be applied across the enterprise. Both operating systems are supported by advanced software development tools as well as Intermec's Developer Library, providing easy integration of unique hardware capabilities into custom applications.

User Interface

The QVGA resolution display features a touch screen, allowing the CK61 to run both text-based and graphical interface applications. Mobile workers are able to quickly enter large amounts of data using the numeric keypad featuring large, easy-to-use keys and excellent tactile feel. Suitable for both one- and two-handed input, the keypad is designed to last the life of the unit.

Connectivity

The CK61 provides multiple ways in which data may be exchanged between the handheld computer and other devices.

High-speed Ethernet, USB Host and Client, and RS232 serial connections are standard on every unit, as is Bluetooth wireless personal area communications. The CK61 may be optionally equipped with a Cisco Compatible, WiFi-certified 802.11a/b/g radio for local area wireless communications.

Physical Description
The CK61 mobile computer provides everything required by the most demanding environments including extended battery capacity, rugged design, wired and wireless communications, memory and processor support complex application software and physical data protection.

Operating System
Microsoft Windows CE 5.0 or Microsoft Windows Mobile 5.0 Software for Pocket PC

Radio
Bluetooth Class 1
Wireless LAN 802.11a, 802.11b, and 802.11g

Physical Characteristics
Length: 222 mm (8.75 in.)
Width: 90 mm (3.55 in.)
Height: 55 mm (2.08 in.)
Weight: 704 grams (24.8 oz.)

Hardware
Microprocessor: Intel Xscale PXA27x, 520 MHz
Memory: RAM: 64 or 128 MB
Persistent Memory: 64 MB Flash ROM and 128 MB persistent store, total 192MB
Memory/Storage Extension: SDIO card slot, user accessible

Bar Code Scanning
Scan Engine: Option of integrated laser, 2D area imager, or 1D linear imager w/PDF417 capability
Symbologies Read: Supports all popular 1D and 2D symbologies including Code 39, I 2 of 5, S 2 of 5, Matrix 2 of 5, Code 128, Code 93, Code 93i, Codabar, Codablock, MSI, Plessey, UPC, EAN/EAN128, ISBT128,Code 11, RSS, Telepen, PDF417, Micro PDF417, Macro PDF417, Maxicode, Datamatrix, QR Code (2D symbologies require area imager)

Power
Battery Type/Supply: Removable, rechargeable Lithium-Ion; 7.2V, 2400 mAh (17.3 Watt-hours)
Battery Life: Application dependent
Recharging Time: 4 hours or less

Environment
Operating Temp: -4°F to +122°F (-20°C to +50°C)
Storage Temp: -4°F to +158°F (-20°C to +70°C)
Environmental Protection: IP64 compliant.
Drop Survival: Multiple 1.8 m (6 ft.) drops to steel or concrete
Humidity: 5 to 95%, non-condensing
Electrostatic Discharge: ±8kV Contact Discharge; ±15kV Air Discharge

Display
Transflective TFT with LED backlight; 3.8" (97 mm) QVGA Color with touch panel

Keypad
32-key with large numeric keys or 58-key with full alphanumeric keys; both with LED backlighting

Software
Development Environments: Embedded Visual C++ 4.0, .NET Compact Framework (VB .NET and C#)
Intermec Developers Library: Integrates with leading development environments; supports device-specific features and bar code scanning
Browser support: IE6 compatible

Standard Communications
USB Host and Client
Ethernet 10/100 Base-T
Bluetooth™ Class 1, V2.0 + EDR
RS232 Serial, IrDA 1.1

Wireless LAN
Standards Compliant:
IEEE 802.11a (5 GHz – OFDM)
IEEE 802.11g (2.4 GHz – OFDM)
IEEE 802.11b (2.4 GHz – DSSS)
Data Rates:
Up to 54 Mbps for 802.11a
Up to 54 Mbps for 802.11g
Up to 11 Mbps for 802.11b
Power Output: 100 mW
Security: WEP, WPA, 802.1x (EAP-TLS, TTLS, LEAP, PEAP), 802.11i
Certifications: Wi-Fi, WPA2, CCX2 (Cisco Compatible Extensions V2)

Device Management
SmartSystems Support: Centralized remote support capability; Configures, updates and maintains single devices or entire populations; Real-time or batch, wired or wireless.
Wavelink Avalanche™ Support: Intermec value added utilities and SmartSystems integration.

Accessories
Communications and charging dock:
Single bay communications dock with USB/Ethernet or USB/modem capabilities and auxiliary battery charger; four-position Ethernet and charge-only multidocks
Serial adapters: Snap-on adapters for USB or RS232 peripherals; snap-on adapter for DEX/UCS connectivity.

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

CAUTION ATTENTION
LASER LIGHT -
DO NOT STARE INTO BEAM
630-680 nm 1.0mW
CLASS II LASER PRODUCT
LUMIERE LASER - NE PAS REGARDER DANS LE FAISCEAU
PRODUIT LASER CLASSE II
CAUTION: LASER LIGHT WHEN OPEN. DO NOT STARE INTO BEAM.
ATTENTION: LUMIERE LASER EN CAS D' OUVERTURE. NE PAS REGARDER DANS LE FAISCEAU.
Conforms with U.S.A. 21 CFR Subchapter J Part 1040.

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