Product profile

CK3R

Mobile Computer

RUGGED
Withstands multiple 1.2m (4ft) drops to concrete across all operating temperature ranges and an IP54 seal rating against rain and dust

SCANNING
Integrated high motion tolerance 2D area imager supports high-performance, omni-directional scanning

RADIO
Supports industry standard 802.11 b/g/n and Bluetooth radio for adaptable communications

BATTERY
Industry-leading battery performance will last a full shift and beyond

PROCESSOR
Equipped with a power-e cient 1GHz multi-engine Texas Instruments processor, 256MB RAM and 512MB Flash

Optimize your operations into an e cient, automated, and high-performing work environment with the CK3R, the mobile computer you can count on to keep your workers running productively at full speed to deliver enhanced workflow performance.

Thanks to a state-of-the-art power e cient design, the CK3R delivers full-shift battery life – even when running scan- and network-intensive applications and with a purpose-built, slim and lightweight-design, the CK3R is comfortable and easy to use. And with CloneNGo – our breakthrough device provisioning technology – you can greatly simplify and expedite configuration and deployment of your CK3R mobile computers from a single master unit without requiring sophisticated IT support.

Scanning operations are quick and accurate, with integrated high performance area imaging technology pioneered by Intermec. Support for omni-directional scanning and high motion tolerance means your 1D and 2D bar codes can scan correctly the first time, at most angles, even if the code itself is not perfect.

The CK3R is also designed to stand up to the rigors of everyday use with a rugged, laser-etched keypad, a 1.2 meter (4 ft) drop rating to concrete (across all operating temperatures) and an IP54 seal rating against rain, moisture and dust.

Running the latest Microsoft® Windows Embedded Handheld operating system, the CK3R supports the wide range of enterprise software applications. And the optional Intermec Client Pack, which includes full Terminal Emulation and a lock-down web browser supporting emerging industry standards like HTML5, provides a consistent user interface and common menu structure to ensure that workflow is directed and web access is limited.

Achieving workflow automation has never been easier. The CK3R can be combined with Intermec printers, scanners and service for a proven enterprise business solution to automate your data collection tasks without introducing IT complexity. Put the CK3R to work and unlock the full potential of your operations.

Intermec®

Physical & Environmental Characteristics
L x W x D: 21.6 x 8.3 x 2.8 cm (8.53 x 3.29 x 1.12 in)
Weight: 401 g (14.1 oz) with 2000 mAh battery
Width: Grip area: 6.1 cm (2.40 in)
Operating Temperature: -10°C to +50°C (+14°F to +122°F)
Storage Temperature: -20°C to +70°C (-4°F to +158°F)
Charging Temperature: +5°C to +35°C (+41°F to +95°F)
Relative Humidity: Non-condensing, 95%
Rain & Dust Resistance: IP54, category 1
Drop Specification: Multiple 1.5m (5 ft.) drop to concrete at ambient, multiple 1.2m (4 ft.) to concrete across the operating temperature range per MIL-STD 810G
Tumble Specification: 1,000 (0.5 m) tumbles per IEC 60068-2-32 specification
Electrostatic Discharge: +/- 15 kV air discharge, +/- 8 kV direct discharge

System Architecture & Performance Characteristics
Texas Instruments 1GHz multi-engine processor architecture

Operating System
Microsoft Windows Embedded Handheld built on Windows 6.5.3 technology with Intermec HTML5 Browser (available via download):
www.intermec.com/products
Getting started information:
www.windowsmobile.com/getstarted

Memory & Storage
Memory: 256MB RAM
ROM: 512MB
Customer-accessible micro-SD slot for removable memory cards up to 32GB

Display
- 8.9 cm (3.5 in) Transmissive QVGA
- 240 x 320 pixels
- 65,536 (16 bit RGB) Colors
- High-Durability Touch Screen
- LED Backlight
- Ambient Light Sensor

Keypad Options
Both keypad options feature backlit hard keycaps with laser-etched legends, backlit automatically controlled via ambient light sensor.

Numeric with function keys	Alphanumeric

Integrated Scanner Options
EA31 high performance motion-tolerant 2D Imager; (up to 400 in/s) white LED illumination
Capable of scanning all common 1D and 2D bar codes; 1D as small as 4 mils; 2D as small as 6.6 mils
Refer to User's Manual for depth of field performance

Standard Communications
USB – Full Speed 2.0 OTG©, USB – Full Speed 2.0 Client©

Power
Battery Pack: Removable, rechargeable
Included – User removable, rechargeable Lithium-Ion; 3.7V, 2000 mAh (7.4 Watt-hours)
Optional - Removable, rechargeable Lithium-Ion; 3.7V, 5100 mAh (18.5 Watt-hours)
Optional - Removable, rechargeable Lithium-Ion; 3.7V, 5200 mAh (18.5 Watt-hours) Smart Pack

Wireless Communications
Wireless LAN: IEEE®802.11 b/g/n WLAN
Security: WiFi Certified for WPA and WPA2
Authentication: 802.1x
Cisco Compatibility: CCXv4
Encryption: WEP (64 or 128 bit), AES, TKIP

Bluetooth: Integrated Bluetooth® Class II, Version 2.1+EDR
Operating Channels: 0 to 78 (2402 - 2480MHz)
Data Rates: 1, 2, 3 Mbps
Antenna: Internal

Software Applications & Components
Device Management: Intermec SmartSystems™ provides a single, integrated environment for hands-free deployment and management of devices on-site or remote. Also compatible with leading third party data and device management products.
ScanNGo for easy barcode based enterprise-wide device provisioning. It can be used to download device management software from Intermec ISVs.
CloneNGo, a peer-to-peer device management enables simple device cloning, eliminating the need to use a management console for device provisioning.
Device Health Monitoring: On-board monitoring of key sub-systems including scanning, communications and battery life; Remote access requires SmartSystem Management option

Application
Development: Intermec Developer Library
Development Environments: Microsoft Visual Studio; .NET compact framework; JVM
In-Premise Clients: Optional factory pre-loaded Intermec Client Pack (Intermec Terminal Emulator + Intermec Browser)
Web Browsing: Intermec Browser, Intermec HTML5 Browser (Includes Microsoft Internet Explorer)
Device Lockdown: Intermec Launcher

Intermec Global Services Support
www.intermec.com --> Support --> Knowledge Central

Accessories
Supports most CK3 charging and docking accessories as well as FlexDock modular docking system, vehicle dock and holder, snap on adaptors and removable scan handle.

Regulatory Approvals & Compliance
1001CP01 (CK3R)
Safety: cULus Listed, DEMKO, BSMI,
EMC: Class B – FCC/ICES/EN, GOST-R, CE, CCC
Radio: FCC, Industry Canada, C-tick (AU/NZ), NCC, OFCA, IDA, ICASA, POSTEL, NTC, KC (Korea), ETA, ANATEL, 61 countries in total
Environmental: EU Directives-WEEE; RoHS; Batteries & Accumulators; Packaging & Waste Packaging

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