CV61

Vehicle Mount Computer

The CV61 combines a smart design that makes it easy to migrate from legacy VMUs, while providing the next generation technology to meet your business needs well into the future.

- Choice of Windows® 7 Professional or Windows XP Professional operating system

- Expandable up to 3GB RAM to support IT security, antivirus, Windows upgrades and future software needs

- Rugged construction, IP66 sealing, and 12.1" XGA outdoor readable display

- Extreme temperature option with touch defroster/heater enables reliable operations to -30°C (-22°F)

- Ready for voice with Vocollect VoiceCatalyst from Intermec

- Optional Intermec Terminal Emulation client for access to legacy WMS applications

- Tight integration with Intermec scanners/imagers, voice, printers, RFID, device management, client software, and Medallion® services and support provide the most comprehensive solution for the warehouse

Room to Grow

When making an IT investment, two considerations are vital in determining the best-fit device: how will it integrate with the infrastructure in place today, and how will it grow with evolving business needs in the future?

Fortunately, the Intermec CV61 provides the best solution both today and tomorrow. Leveraging the latest operating system and data processing technology, the CV61 allows you to easily convert your current Warehouse Management System (WMS) applications and still have the capacity to implement next-generation applications as your business needs grow.

The CV61 is a workhorse among vehicle mount mobile computers. Sped by a powerful 1.8 GHz Intel® Atom processor, the CV61 features a choice of Windows 7 Professional or Windows XP operating systems. In addition, the CV61 offers up to 3GB RAM to support memory-hungry ERP and WMS systems.

Drop-in Replacement Made Easy and Affordable

If you currently have Intermec CV60 vehicle mount computers in use, the CV61 provides the quickest and easiest migration path to replace them. Designed to be compatible with CV60 mounting, cabling, keyboards, trays, scanners and printers, the CV61 saves you money and installation time. The integrated 9-60 VDC power supply

lowers your installation costs and provides back-up even when your forklift battery is down. Optional external high-voltage and defroster power converters are available, as well as adapter cables for use with existing CV60 power converters.

IT managers will also find the CV61 easy to work with as it supports standard enterprise PC management tools for user administration, security, anti-virus, firewall, group policies and software updates. Optional with the CV61, the Intermec Client Pack terminal emulation and industrial browser software provides fast, reliable and secure connection to your WMS. In addition, Intermec developer toolkits save you time in migrating application software in multi-device environments.

Workers will find the CV61 comfortable, familiar and easy to master. The sharp, bright 12.1" touch screen display is easy to read in dimly-lit warehouse environments as well as outdoors in sunlight. The touch screen and rugged external backlit keyboards are designed for easy data input with gloved hands. In addition, the touch screen/keyboard is also designed to be field replaceable, so it is quick to fix damaged or worn items without having to box up and mail in for service.

Best of all, the CV61 is just one element of the most comprehensive warehouse logistics solution available from a single

Intermec®
by Honeywell

company—extending your choices, simplifying IT support and providing you all the services you'll need through the life of your computer Intermec investment.

Reliable Performance
The CV61 is designed to integrate with your network security, management systems and your corporate standards. comprehensive network options include 802.11 a/b/g/n with Cisco® CCXv4 certification and integrated EDR 2.1 Class 1.5 Bluetooth® for best-in-class wireless range, roaming reliability and security—even in areas where you might experience low signal levels or intermittent connections. In addition, the CV61 offers the accuracy, productivity, and safety of hands-free voice directed work with Intermec's Vocollect VoiceCatalyst ™.

Built to withstand extreme temperatures, the CV61 operates across -20°C to +50°C (-4°F to +122F°F) and also comes with an optional touch screen defroster for cold storage and freezer environments down to -30C (-22F). Its IP66 rating ensures dust-tight operation and pressure-wash water sealing to preserve the life of your hardware investment, while its user-swappable solid state disk (SSD) storage preserves data integrity even in harsh, high vibration environments.

Improve Your Operations
The pace of today's business doesn't allow for any weak links in your operation. Identifying and preventing problems before they happen is paramount. The CV61-exclusive device health reporting capability provides unparalleled insight to allow mobile workers and IT administrators to monitor and prevent issues related to scanning, communications and battery life, before they impact operations. In addition, the CV61's fully integrated CAN-BUS interface works with leading fleet management applications, so you can gain visibility into your forklift investment and maximize its utilization.

The CV61 also helps advance work safety measures with a built-in collision detection accelerometer feature and an optional screen-blanking accessory for improved operator safety and real-time accident investigation.

Compatible with the CV61, the Intermec SR61 family of rugged handheld barcode scanners can be used to induct assignments, confirm locations, lot track or manage exceptions and are also designed to withstand the harsh realities like temperature variances, drops, dust and weather. There is also an option for extra long-range scanning allows operators to scan from a distance, without leaving the seat of their forklift and is available in either tethered or Bluetooth™ models.

Physical Characteristics

Computer H x W x D: 27.4 x 34.3 x 8.4 cm (10.8" x 13.5" x 3.3")
Computer Weight: 5.2 kg (11.5 lbs)

Environmental

Operating Temperature:
• Standard: -20° to +50°C (-4° to 122°F)
• Extreme cold with optional screen defroster: -30° to +50°C (-22° to 122°F)
Storage Temperature: -30° to +60°C (-22° to +140°F)
Shock and Vibration Protection: Withstands standard material handling vehicle environments. Meets or exceeds MIL STD 810F, composite wheeled vehicles.
Rain & Dust Resistance: IP66

Power Supply and Backup Battery

Integrated 9-60 VDC isolated power supply
Optional external power converters:
• AC input for 90-240 VAC
• Extended range DC converter for 15-96 VDC Integrated Backup Battery System
• Field-replaceable, rechargeable Lithium-Ion, 30 minutes life at -20° C

Operating System

Choice of Microsoft Windows® 7 Professional or Windows XP Professional

Hardware

Microprocessor: Intel® Atom D425 1.8GHz
Memory:
• Standard 1GB DDR2 for Windows XP
• Standard 2GB DDR2 for Windows 7
• User-upgradeable up to 3GB memory total
Display: 30.7 cm (12.1") XGA 1024x768 LED backlit display
• 500 NIT brightness
• Light sensor for automatic brightness adjustment
• Field-replaceable resistive touch screen
• Optional touch screen defroster (requires external DC-DC power converter)
Mass Storage: User-swappable 40GB Solid State Disk
Expansion Storage: User-installable expansion slot supports additional SD 2.0 cards up to 32GB Integrated Accelerometer for collision detection

Software

Device Management:
Intermec SmartSystems™ support includes ScanNGo provisioning for use alone or with device management software from Intermec ISVs
Device Health Monitoring:
Onboard diagnostics application; Remote access capability (requires SmartSystem Management option)
Application Development:
Intermec Developer Library www.intermec.com/dev
Host Connectivity:
Optional Intermec Client Pack with Intermec Terminal Emulation (VT220/ANSI, 5250, 3270) and Intermec Lock-Down Industrial Browser

Integrated Radios

Wireless LAN: 802.11a/b/g/n
Security: WIFI Certified; WPA and WPA2 Security
Authentication: 802.1x
Cisco Compatibility: CCXv4 Certified
Antenna: Dual internal MIMO antennas or optional external primary antenna with auto-sensing feature
Bluetooth: Integrated Bluetooth 2.0+EDR, Class 1.5 (30m range)

Data Collection Scanner Support

• Tethered serial scanner (+5V powered)
• Tethered USB bar code scanner
• Tethered RFID reader
• Bluetooth

Voice and Audio Support

• Supports Vocollect Voice Catalyst with wireless headset
• Supports VoIP and Push-to-talk applications from Intermec ISV partners
• Integrated speaker
• Microphone/headset connector
• Stereo speaker output with adjustable volume control

Interfaces

2 USB 2.0 ports with locking breakout cable, 2 RS-232 COM ports with +5V power, CAN-bus SAE J1939 port, Mic/Headset port, Stereo Speaker output, DC power input, WiFi primary antenna port with auto-sensing, RJ45 Gigabit Ethernet port, Legacy PS/2 keyboard input

Intermec Global Services Support

Intermec Global Services provides customers and partners with best-in-class lifecycle solutions and services. Get INcontrol™ with robust integrated device-management solutions. Protect your investment with Intermec Medallion® Support Services. For more information about Intermec's lifecycle solutions and services, please visit us at www.intermec.com/services

Accessories

Multiple RAM® mount options, screen blanking unit, data and adapter cables, removable antenna kits, bar code scanners (tethered and wireless), printers and media

Keyboards

Multiple backlit, 102-key full size and 88-key compact Qwerty keyboard options. Tethered options including USB and PS/2. Optional Bluetooth wireless external keyboard and standalone mounting kit. Available with support for VT220, 3270, 5250 terminal emulation.

Regulatory Approvals and Compliance

Safety: UL 60950-1, CSA C22.2 no. 60950-1, EN 60950-1, IEC 60950-1
Emissions: FCC Part 15B-class A, ICES-003-Class A, EN 55022-Class A (CISPR22), EN 301 489-17, AS/NZS 3548-Class A (CISPR22)
Immunity: EN 55024
Radio: FCC Part 15C, IC RSS210, 102, EN 300 328
Environmental: RoHS compliant

Field Technician Replaceable/Installable Components

• Touch screen
• Backup Battery
• SD Card slot for up to 32GB expansion storage
• DDR2 SODIMM memory slot for up to 2GB expansion (3GB total)
• 2.5" Solid State Disk (SSD)

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Intermec® PartnerNet

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