CV60

Vehicle Mount Computer

- **Choice of leading Microsoft® Windows® CE .NET and XP/XPe operating systems**

- **Brilliant 12.1" (30.73cm) TFT touch screen display with direct sunlight viewing option**

- **Powerful Intel™ P-III Ultra Low Power 800 MHz processor**

- **Bluetooth™ accessory support**

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

- **Integrated Bluetooth wireless scanner support**

- **Extreme temperature option**

- **Versatile ADC Control Center that enables real-time decision-making through integration and management of multiple types of data inputs**

Continuing Intermec's legacy reputation of developing reliable terminals, the CV60 computer excels in the most adverse environments with full PC functionality. The CV60 terminal, either fixed or vehicle mounted, puts wireless supply chain management right where the data is—at the dock, on the warehouse floor, in the trailer or in the yard—for the toughest material handling applications.

The CV60 offers choices of either wired or wireless accessories. By integrating Bluetooth™ technology in the CV60, the user has fewer accessories to install, cables to contend with and tethered wires to get in the way. This eliminates costly cable replacement and improves user satisfaction and supports Intermec's Bluetooth line of printers and hand held bar code scanners.

The modular design allows for the convenient swap-out of hard drives. By integrating dual-diversity antennas, mounting of the CV60 is streamlined. This industry-leading design also provides seamless network connectivity within the Enterprise. This saves time, lowers the cost of overall ownership and permits on-site personnel to upgrade hardware quickly and efficiently.

In addition, a brilliant 12.1" (30.73cm) high resolution TFT SVGA color display simplifies user interaction with touch-screen capabilities and

color graphics. A day-light readable display option is also available to allow easier viewing in direct sunlight.

With a choice of hard drive technologies, the CV60 excels in vehicle-mount environments. A uniquely designed vibration and shock dampening solution is offered for rotating drive applications, as well as an industrial grade solid state solution for the most demanding environments including freezing temperatures. The system can also avoid inadvertent shutdowns and power loss, common to material handling vehicles, with an uninterruptible power supply (UPS).

The cast magnesium housing of the CV60 received an IP65 seal rating. With a heated display option and chemically hardened glass that is 50% thicker than industry standard, the CV60 can withstand harsh environments where dust, moisture or extreme temperatures are a constant. To further protect your investment, the integration of a Gore™ vent prevents internal condensation from occurring at extreme temperatures.

State-of-the-art, industry-standard development tools, such as Microsoft's .NET Compact Framework, Visual C++™, Visual Basic™, Java® and HTML™ can be used with CV60. The CV60 will also accommodate thin, thick or browser-based applications.

Intermec®

With the addition of Intermec's SmartSystems™, the CV60 can be used to remotely manage peripherals such as Bluetooth scanners and RFID, as well as to remotely and easily manage global deployments.

Physical Description
With a cast magnesium housing, the CV60 is a rugged computer designed for real time data collection applications, using either a vehicle or stationary mount, in manufacturing, warehousing, distribution, and transportation environments.

Physical Characteristics
Height: 27.1cm (10.67")
Width: 34cm (13.4")
Depth: 9.5cm (3.7")
Weight: 5 kg (11 lbs.)

Environmental
Standard Operating Temperature:
-20° to 50° C (-4o to 122o F) – Solid State
0° to 50° C (32o to 122o F) – Rotating
Extreme Operating Temperature:
-30° to 50° C (-22o to 122o F) – Solid State HDD (With heated display option)
Storage Temperature:
-30° to 70° C (-22o to 158o F)
Humidity: 5 % to 95 % RH Non-condensing
Shock and Vibration Protection: Withstands standard material handling vehicle environments. Meets or Exceeds MIL STD 810F
Rain and Dust Resistance: Sealed to IP65 (Dust tight and jetted water)

Standard Features
Power: Choice of two external DC/DC converters 6-60V DC input for 12-60V systems (gas truck)
15-96 VDC input DC/DC for 60-96V systems (electrical truck)

AC/DC Converter
Uninterruptible Power Supply option for unstable power sources

Hardware
Memory: 256MB SDRAM standard; expandable to 512MB; 512KB Flash
Microprocessor: Intel P-III Ultra Low Power 800MHz embedded processor
Display: Brilliant 12.1" Color TFT 800 x 600 SVGA; 100 degree viewing angle;
300 NIT; with Heated Option. Sunlight readable (non-heated) option also available
User Interface: High resolution, resistive touch panel (field replaceable)

Operating Systems
Windows CE .NET 4.2
Windows XP Professional Edition
Windows XP Embedded

Hard Drive Options
Solid State drive options for rugged, vehicle / freezer based applications
Shock/Vibration dampening rotating drive option for stationary, standard temperature and select mobile applications

Network Connectivity
10BaseT/100BaseT Ethernet

Application Connectivity
Supports Terminal Emulation (TE 2000) applications. Supports standard application environments including Win32 Microsoft Foundation Classes (MFC), Microsoft .NET Framework and Microsoft .NET Compact

Cisco Compatible Extensions
Version 2 Supported
LEAP
CKIP
VLAN

Integrated Radio Options
Wireless LAN
Data Rates: Up to 54 Mbps per IEEE 802.11g
Standards Compliant:
IEEE 802.11g - 2.4 GHz
IEEE 802.11b (2.4 GHz - DSSS)
Radio Power: 100mW typical
Security: WEP, WPA2, 802.1x (EAP-TLS, TTLS, LEAP, PEAP)
Certifications: Wi-Fi, WPA2, Cisco Certified
Compliance: FCC Part 15, CE mark
Wireless PAN
Integrated Bluetooth™ compatible module

Antenna Options
Integrated diversity antenna options for LAN, Bluetooth and bar code scanner.
Remote patch LAN antenna

Data Collection Scanner Support
Tethered serial bar code scanner
Tethered RFID scanner
Integrated Bluetooth radio for wireless accessory support

Interfaces
(2) Standard Serial Ports – DB9
(2) USB Host ports v1.1
(1) PS/2 Keyboard Port
(1) Locking Power Input
On / Off Switch
Audio 3.5mm stereo jack
Microphone In / Mono Output (VoIP ready) 2.5mm jack
Internal Speaker / Beeper

Accessible Expansion Slots
One 6.4cm (2.5") IDE drive bay
One Solid State type II card Bus slot

*BluetoothTM is a trademark owned by the Bluetooth SIG, Inc., USA.

Display Backlighting Contains Mercury, Dispose of Properly.

In a continuing effort to improve our products, Intermec Technologies Corporation reserves the right to change specifications and features without prior notice.