Intermec

Product
Profile

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

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

- **Bluetooth™ accessory support**

- **Brilliant 12.1" (30.73cm) TFT touch screen display**

- **Standard 802.11b/g radio with choice of wireless security protocols**

- **Integrated radio for wireless scanner support**

- **Extreme temperature option**

- **Compact, rugged design for industrial environments**

CV60 VEHICLE MOUNT TERMINAL

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. Because the CV60 has integrated Intermec's own wireless scanning base station, it can support Intermec's 1552 wireless scanners. 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.

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.

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.

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.

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 6-36 VDC input DC/DC for 12V - 24V systems (gas truck)
15-96 VDC input DC/DC for 24-72V systems (electrical truck)

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

Hardware
Memory: 128MB SDRAM standard; expandable to 256MB or 384MB; 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; Heated Option
User Interface: High resolution, resistive touch panel

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

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: 50 mW
Security: WEP, WPA, 802.1x (EAP-TLS, TTLS, LEAP, PEAP)

Certifications: Wi-Fi, WPA, CCX Program
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 radio for wireless scanner 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

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