

# Intermec Product Selection Guide

Automatic identification and data capture products for supply chain operations



## Mobile Computers

### CN4 / CN4e

With integrated 3.5G wireless technology, the fully rugged, feature-rich Intermec CN4 Series mobile computers enable enterprises operating in the most demanding environments to leverage the benefits of high bandwidth data collection and communication.



The larger fully rugged, feature-rich Intermec CN4e mobile computer is the most rugged device in its class with IP64 sealing and a 1.8m (6 ft) drop spec and has field-proven, built-in software support for a comprehensive range of compatible peripherals designed for transportation, field service and direct-store-delivery environments.

### CN3 / CN3e

The CN3 is the smallest, most advanced rugged computer in the world. It meets standards-based environmental specifications and provides features for mobile workers performing mission-critical tasks in transportation, logistics and field service. Built to survive the rigours of the road, the 1.3 megapixel colour camera provides a vital data validation tool, enabling workers to document proof-of-service or vehicle inspection.



The Intermec CN3e is a mid-sized mobile computer featuring extensive communication options with an enlarged keypad to support key based, data intensive in-field applications and the first mid-sized handheld to offer a fully integrated, independent GPS option, as well as Wi-Fi, WWAN and Bluetooth in a single package.

### CK3

The CK3 mobile computer has a broad range of data collection and communication features enabling it to adapt to a variety of in-premise applications. It packs a breadth of capabilities into a slim case, allowing users to easily adapt to ever-changing data capture and communications needs. With image capture, revolutionary imager-based scanning, optional RFID reader, speech and voice - all supported by 802.11a/b/g and Bluetooth® radio communication - the CK3 is a single-purpose device to meet a variety of data collection and communication needs.



### CN50

The industry's most advanced rugged mobile computer, the CN50 is the only 3.75G wireless mobile computer combining a small, light-weight form factor with a rugged design to deliver the most advanced, high performance voice and data communication solution specifically designed for the highly mobile field worker. Integrated digital compass and GPS radio provides instantaneous, real-time directional information to improve navigation for pedestrian and vehicle-based applications. The Enhanced Mobile Document Imaging (eMDI) option enables users to capture high quality full-page document images to help streamline back office operations and improve cash flow.



### CK31

The CK31 blends the right features with the performance of the Microsoft® Windows® CE .NET operating system to provide the optimum combination of real time operation, tools support and standard connectivity. Multiple keyboard options provide flexibility for applications ranging from shipping and receiving, put-away and picking to cycle counting. Intermec has added features that enhance mobile data collection such as simplified setup menus and display icons to provide intuitive, graphic-based status information. Web-based applications can easily be implemented with Microsoft Internet Explorer or Intermec's browsers.



### CK61

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 CK61 utilises 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.



## Fixed and Vehicle Mount Computers

### CV30

The CV30 rugged fixed mount computer provides flexibility and high-performance capabilities in a compact design that delivers real-time wireless supply chain management right where the data is - at the dock, in the freezer, on the warehouse floor or in the yard. Incorporating the CV30 into warehousing or manufacturing operations will enhance efficiency, increase safety and improve operator performance and productivity. With compact, full-screen footprint, choice of Microsoft CE.NET 5.0 or Windows Mobile 5.0 operating systems, support for RFID, speech recognition and voice, Cisco Compatible WiFi® and Bluetooth® connectivity.



### CV60

The CV60 computer excels in the most adverse environments with full PC functionality. Either fixed or vehicle mounted, it 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 either wired or wireless accessories. By integrating Bluetooth™ technology, 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 handheld barcode scanners.



## Barcode Scanners

### SR30 1D / 2D

The SR30 handheld scanner sets a new standard in plug-and-play scanning for Point-of-Service (POS) applications. Designed to automatically adapt to different interfaces, the flexible SR30 is easy to install and reconfigure. Built for productivity, the lightweight scanner integrates patented Intermec Vista linear imaging technology to deliver fast, always-accurate scanning even when barcodes are damaged or poorly printed. Holder accessories available include desktop stand, wall mount holder and hands-free stand. Snappy and accurate, the SR30 streamlines POS and light industrial data capture applications.



### SF51

Intermec's SF51 scanner has a unique, lightweight form factor with a magnetic attach/release mechanism to maximise productivity. Designed to be worn on the waist, wrist or chest, the attach/release mechanism can be used without looking, allowing the user to quickly and easily access and release the scanner when it's needed and when finished, reattach it for un-inhibited use of their hands. An extremely durable scanner with a wireless personal area network (PAN) radio based on Bluetooth™ communication protocol, the SF51 can cordlessly connect to Intermec terminals without a base station, an affordable, high performance solution for scan intensive applications.



### EX25 Near/Far 2D Area Imager Engine

#### CK3ex | CK31ex | SR61ex | CK61ex

The Intermec EX25 scan engine has auto-focus technology enabling it to read virtually any kind of barcode - 1D, 2D and composite and postcodes - from 6 inches to 50 feet, in any orientation. This flexibility and extended range enables companies to meet scanning needs more efficiently and consolidate data capture needs into a single device. Because it's an imager, the EX25 engine captures images suitable for proof-of-delivery and documentation of damaged, expired or unsealed goods. Its ability to read codes omni-directionally means workers don't need to align the scanner with the barcode to get a good read first time. It's available integrated in the CK3ex, CK31ex & CK61ex mobile computers and SR61ex handheld scanner.



### SR61B / SR61T

Intermec's SR61 incorporates industry-standard Bluetooth radio technology into a cordless handheld scanner for stand-alone wireless data collection interfacing to Bluetooth-enabled hosts in rugged, industrial environments. It is the first Intermec scanner to introduce 3 choices of scan optics including linear and area imaging and the MEMS-based laser, allowing users to configure the scanner to meet the specific needs of their environment, whether reading specific barcode symbologies, easily decoding poor quality or damaged barcodes or utilising image capture for proof-of-delivery and point-of-service applications.



## RFID Technology

### IP30

The Intermec IP30 add-on passive UHF RFID handle is the new leader in handheld RFID readers. The modularity of the IP30 and the RFID-readiness of Intermec mobile computers mean the power of RFID can be literally added in a snap today or at any point in the future. The IP30 supports both in-premise and in-field applications such as warehouse operations, enterprise asset management, in-transit-visibility, direct store delivery and exceptions handling.



### IV7

RFID has always delivered the twin conveniences of hands-free scanning with little or no human intervention. Now, Intermec has taken that to the next level by adding the convenience of mobility with the new IV7 Vehicle Mount RFID reader. As Intermec's first packaged forklift-mounted RFID reader system, the IV7 is designed for serial attachment to the Intermec CV30 and CV60 vehicle mount computers and the IA33 Antenna Cell.



### IF61

The Intermec IF61 smart reader is a powerful combination of reader and network appliance for running RFID applications, delivering faster processing and localised intelligence. Applications written in Java or C# .Net can run directly on the IF61, enabling it to filter, store and manipulate information from tags and send to a server in a required format and eliminating the requirement for a separate industrial PC.



### RFID Tags, Inserts and Smart Labels

Intermec's passive UHF RFID tags, inserts and smart labels are capable of receiving, storing and transmitting digital information in multiple frequencies for global supply chain support.



# Fixed Printers

## Desk Top Printers

### PF8

The PF8 printers, available in direct thermal (PF8d) or thermal transfer (PF8t) versions, offer compact size, sturdiness, and silent operation, perfect for a variety of applications in retail, office, service industry and healthcare settings. The inexperienced or busy user will appreciate Intermecc's Connect to Print concept, a standard feature on both the PF8d and PF8t, which makes setting up and printing a quick and easy task.



## Mid Range Printers

### PF2i | PF4i

The PF2i two-inch printer is designed to provide rigorous barcode label printing in areas where space is limited, with features and benefits of larger barcode label printers, including stand alone smart printing. The PF4i is designed to excel where space is limited. Utilising the latest technology, it features a strong and proven mechanical platform and powerful electronics.



The PF series printers can act as a "smart client" executing user-defined programs eliminating the need for a PC, operate additional hardware (eg scanners, other printers, and conveyors), access information from the network and be able to change with the application for additional functionality when needed.

### PM4i

The PM4i is a rugged, smart, fast, all metal, network-ready industrial printer, designed for demanding applications and environments. It offers secure network connectivity, including optional integrated Ethernet and provides 5 interface ports that can be utilised at once. It delivers productivity benefits through superior print speed, throughput and wireless flexibility, enabling movement to new locations as demands change. It can operate as a "smart client" executing user-defined programs eliminating the need for a PC and also additional hardware eg scanners, other printers, conveyors.



## Media Supplies

Intermec labels, tags, receipts and ribbons support a broad range of barcode printing applications and meet the needs of the most challenging environments. While a wide variety of these are offered as take-from-stock products for fast delivery, Intermec will also customize the label material, configuration, size or any other feature to meet even the most challenging environment. Intermec's expert application analysts and world-class research and development engineers are dedicated to delivering custom solutions to meet unique requirements.



## Commercial Printers

### PD41 | PD42

The PD41 and PD42 are versatile all-metal printers suitable for medium duty applications in manufacturing, transportation and warehousing environments.. The PD41 prints crisp variable-data labels continuously at 150 mm/s (6 ips), outperforming all other printers in its class. It takes industry-standard 200 mm label rolls and 450 m of ribbon, reducing loading downtime. It accepts a wide range of paper types in different thicknesses and both ink-in and ink-out ribbon. The PD41 also offers many Smart Printing™ features usually found in high-performance printers with multi-language capability and Intermec Ready-to-Work™ indicator as standard.



The PD42 features a monochrome graphical display allowing users to set up, configure and fine tune printing parameters without having to send commands through the host. The ability to use any Intermec printer language and emulate other printer protocols makes the PD42 both fully compatible with other Intermec equipment and a cost-effective "drop-in" printer replacement in almost any non-Intermec firmware environment. Using Fingerprint™ programming language, the PD42 can change with the application.

## High Performance Printers

### PX4i | PX6i

The PX4i and PX6i, featuring maximum print widths of 4 or 6 inches respectively, are rugged, metal, high-performance printers designed to excel in demanding environments around-the-clock. With print speeds up to 12 ips and exceptional print quality, they are ideal for high volume on-demand and compliance labeling applications. They integrate easily into manufacturing environments and adapt to changing applications. As stand-alone "smart" printers, they can operate production line machinery including scanners, scales, other printers and conveyors and access information directly from the network host, eliminating the need for PCs. Their versatile form factor allows them to be mounted in virtually any position and facilitates add-ons such as automatic label applicator. With Intermec's Readiness Indicator (IRI), both printers provide a visual cue to the operating state of the printer.



# Mobile Printers

## Mobile Receipt Printers

### **PB2 | PB3**

Comfortable enough to wear all day, the PB2 and PB3 commercial receipt printers are just the ticket for delivering cost-effective receipt printing wherever and whenever needed. Long-lasting, field replaceable batteries and easy compatibility with Intermec CN3/CN3e, CN4/CN4e, CN50, 700 and CK3 handhelds makes them ideal for DSD/route accounting, field service and retail queue busting.



### **PB42**

Intermec's PB42 four inch wireless portable receipt printer is designed to improve direct store delivery (DSD), Field Service, and Home Utility applications. The PB42 printer interfaces seamlessly with the CK60 and 700 Intermec handheld computers. Daily route activities are easily entered and tracked via a mobile computer throughout a workers shift. Receipts are immediately provided to the customer for prompt payment or to eliminate duplicate billing efforts.



### **6822 Mobile Full Page Printer**

Available in mobile or fixed-mount configurations, the Intermec 6822 printer creates high-quality customer receipts, invoices, load reports, transfers and other route accounting documents. Optional Bluetooth holders for Intermec CN3, CK61 or 700 Series handhelds enable wireless printing. This printer provides flexibility and mobility. It features a handle for easy carrying and a compact tray which holds enough paper for an entire day. A seat-mount strap is available to secure the printer in vehicles with bench seats. An optional, soft-sided carrying case provides a sealed compartment inside the case cover for storage of invoices.



## Rugged Mobile Receipt Printers

### **PB21 | PB31 | PB51**

The PB receipt printer family, with Mil-Spec levels of durability and lightweight design, is the fastest choice for rugged mobile receipt printing, delivering a clear advantage for mobile workers who need to produce invoices, delivery receipts, service estimates, mobile point of sale receipts etc. The large memory store reduces system latency and supports fast, high quality production of the graphically complex receipts and invoices that are common in route accounting, T&L, retail and field service applications. Available in 2, 3 and 4 inch versions, the printers boasts more than double the memory of competitive models and feature uniquely optimised print mechanisms, enabling them to deliver receipts and invoices 20-30% faster while easily handling complex graphics such as logos.



## Rugged Mobile Label Printers

### **PB22 | PB32 | PB50**

The industry's fastest 2, 3 and 4 inch rugged mobile label printers deliver the fastest choice for customers with demanding applications in warehousing, distribution, in-store retail and enterprise asset management. With ultra-fast print speed and proven 2-3 times faster time-to-first-label than competitive products, these printers deliver measurable improvements in worker productivity and accuracy. Unique design elements, such as the label gap and label take sensors, help maintain productivity while reducing waste. Shared accessories across the family add flexibility and reduce spares inventory and costs. Intermec media options, designed specifically for the PB printers, ensure consistently high print quality across a range of applications.



**We're proud to call the best of the best our alliance partners: Cisco, IBM, Oracle, SAP and Microsoft. By integrating our products and services into our partners' premier software and systems, our customers enjoy an unsurpassed level of interoperability, performance and return on investment**









## Handheld Mobile Computers

	 CN3/CN3e	 CN4/CN4e	 CN50	 CK3B	 CK31/CK31ex	 CK321S	 CK61/CK61ex
<b>Applications</b>	Field Service: DSD Route Sales: LTL; Courier Express: Postal Vehicle; Airline Baggage & Cargo; Hazardous Environments	Field Service: DSD Route Sales: LTL; Courier Express: Postal Vehicle; Airline Baggage & Cargo; Hazardous Environments	Merchandising and Pre-sales, Postal Pedestrian, Airline Ter- minal, LTL, EAM in-field, Home healthcare	In-premise, Retail, Industrial, Distribution	Retail, Industrial, Distribution	Hazardous Environments	Industrial, Distribution, Field Service
<b>Durability</b>	6 ft drops per MIL-STD 810G; CN3 - IP54, CN3e - IP64	6 ft drops per MIL-STD 810G; IP64	5 ft drops per MIL-STD 810G; IP54	5 ft drops per MIL-STD 810G; IP54	6 ft drops per MIL-STD 810G; IP64	1.5m drops per MIL-STD 810G; IP67; ATEX zone 0	6 ft drops per MIL-STD 810G; IP64
<b>Operating System</b>	Windows Mobile 5.0 Windows Mobile 6.1	Windows Mobile 6.1	Windows Mobile 6.1	Windows Mobile 6.1 Classic Edition	Windows CE .NET 4.2	Windows Mobile 5.0	Windows Mobile 5.0 Windows CE 5.0
<b>Application Development</b>	Embedded Visual C++ 4.0, Visual Studio, .NET Eclipse Compact Framework (VB, .NET & C#) Optional TE	Embedded Visual C++ 4.0, Visual Studio, .NET Eclipse Compact Framework (VB, .NET & C#) Optional TE	Visual Studio (2005/2008) Eclipse, .NET Compact Framework	Embedded Visual C++ 4.0, .NET Compact Framework (VB, .NET & C#) Optional Terminal Emulation ITE	Embedded Visual C++ 4.0, .NET Compact Framework (VB, .NET & C# TE) Optional Terminal Emulation ITE	Embedded Visual C++ 4.0, .NET Compact Framework (VB, .NET & C#) Optional Terminal Emulation ITE	Embedded Visual C++ 4.0, .NET Compact Framework (VB, .NET & C#)
<b>Display</b>	3.5" QVGA color, touch	3.5" QVGA color, touch	3.5" QVGA color, touch, embedded Accelerometer	3.5" QVGA color, touch	3.5" QVGA color, touch	3.5" QVGA color, touch	3.8" QVGA color, touch
<b>Memory/ Storage</b>	128 MB RAM 256 MB Flash	128 MB RAM 256 MB Flash	256 MB RAM 512 MB Flash	128 MB RAM 512 MB Flash	64 MB RAM 64 MB Flash	128 MB RAM 64 MB Flash 512 MB embedded SD Flash	128 MB RAM 192 MB Flash
<b>Scanner Options</b>	2.0 MP Color Camera Area Imager	1MP area imager Supports Enhanced Mobile Document Imaging OR 2.0 MP color camera with LED flash	1MP area imager Supports Enhanced Mobile Document Imaging AND 3.1 MP color camera with autofocus and flash	Linear Imager 2D Area Imager 2D Near-Far Area Imager	<b>CK31:</b> Linear Imager Area Imager <b>CK31ex:</b> 2D Near-Far Area Imager	Linear Imager	Linear Imager Area Imager <b>CK61ex:</b> 2D Near-Far Area Imager
<b>Radio Type Options</b>	802.11 b/g Cisco® Compatible CCX Bluetooth® GSM/GPRS/EDGE or CDMA/1xRTT/EV-DO Integrated GPS	802.11b/g Cisco® Compatible CCX Bluetooth® Class II v.2 +EDR; GSM/GPRS/ EDGE/UMTS/HSDPA or CDMA/1xRTT/EV-DO Rev A Integrated 12 channel GPS	802.11 b/g with WPA/ WPA2 Bluetooth 2.0 + EDR GSM/GPRS/EDGE/ UMTS/HSDPA-HSUPA Integrated GPS (stand- alone or assisted)	802.11 a/b/g Cisco® Compatible CCX Bluetooth® v2.0+EDR	802.11 b/g Cisco® Compatible CCX Bluetooth®	802.11 b/g Cisco® Compatible CCX Bluetooth®	802.11 a/b/g Cisco® Compatible CCX Bluetooth®






# Bar Code Scanners



GENERAL PURPOSE SCANNERS				INDUSTRIAL SCANNERS AND BASE STATION								
<b>Model</b>	SR30AV	SR30AA	SF51	SR61T		SR61B	SR61B		SD61			
												
<b>Technology</b>	Linear imager	Area imager	Linear Imager	Linear Imager	MEMS laser	EX25 near/far Imager	Linear Imager	Area Imager	MEMS laser	EX25 near/far Imager		N/A
<b>Connectivity</b>	Cabled	Cabled	Bluetooth	Cabled	Cabled	Cabled	Bluetooth	Bluetooth	Bluetooth	Bluetooth		Bluetooth
<b>Distinctive features</b>	<ul style="list-style-type: none"> <li>Linear imager with patented Vista decoding offering aggressive scanning, even with damaged barcodes.</li> <li>Area Imager to future-proof your solution – supporting the trend towards 2D barcodes.</li> <li>Auto-sensing cables for quick and easy setup and investment protection (allowing you to swap seamlessly from one cable to another).</li> <li>The ability to withstand 26 drops to concrete from a height of 1.5m means increased reliability in the field.</li> </ul>	<ul style="list-style-type: none"> <li>Belt clip or forearm holster, for flexibility in use and the option of hands free scanning.</li> <li>Patented Vista decoding provides aggressive scanning for increased productivity.</li> <li>IP52 rating and withstanding 26 drops to concrete from a height of 1.8m, the SF51 is both rugged and reliable.</li> <li>Bluetooth Class 1 radio supports a working range of up to 30m.</li> <li>Battery life of up to 15 hours allows operation over multiple shifts.</li> </ul>	<ul style="list-style-type: none"> <li>Choice of 4 different scan optics – select the option which fits your specific customer application.</li> <li>Unique EX25 near and far area imager offers exceptional flexibility and productivity, with support for omni-directional reading of 1D or 2D barcodes from 16cm to 17.8m.</li> <li>2D barcode reading and signature capture with the area imager and/or EX25 future-proof your solution.</li> <li>Linear Imager version provides snappy reading of 1D and PDF417 barcodes.</li> <li>MEMS scan optic is available for those who prefer the feel of a laser engine.</li> <li>Range of auto-sensing cables (offering RS232, USB, keyboard wedge or wand emulation connectivity) mean quick and easy setup and protect your investment.</li> <li>The ability to withstand 26 drops to concrete from 1.98m provides superb ruggedness and durability.</li> </ul>	<ul style="list-style-type: none"> <li>Choice of 4 different scan optics – select the option which fits your specific customer application.</li> <li>Unique EX25 near and far area imager offers exceptional flexibility and productivity, with support for omni-directional reading of 1D or 2D barcodes from 16cm to 17.8m.</li> <li>2D barcode reading and signature capture with the area imager and/or EX25 future-proof your solution.</li> <li>Linear Imager provides snappy reading of 1D and PDF417 barcodes.</li> <li>MEMS scan optic is available for those who prefer the feel of a laser engine.</li> <li>Bluetooth Class 1 radio supports a working range of up to 30m.</li> <li>Over 10 hours of battery life avoids downtime.</li> <li>The ability to withstand 26 drops to concrete from 1.98m provides superb ruggedness and durability.</li> </ul>	<ul style="list-style-type: none"> <li>Bluetooth base station with secure wireless connection</li> <li>Supports SF51 &amp; SR61B</li> <li>Connect up to 7 scanners concurrently</li> <li>Bluetooth class 1 radio supports working up to 100m from the base station</li> <li>Easy setup – no software to install on your PC/host</li> <li>Wide range of host interfaces (USB, RS232, keyboard wedge and wand emulation)</li> <li>Withstands 26 drops to concrete from 1.2m</li> <li>Prevents common point of device failure – strain on connector cable</li> <li>Eliminates cable mess</li> <li>Reduces space requirements and the number of power sockets required at point of activity</li> </ul>							
<b>Reading range (Varies according to size &amp; symbology)</b>	5cm-84cm 2in-33.1in	3.4cm-83cm 1.5in-32.4in	4.3cm-39.9cm 1.7in-15.7in	4cm-51cm 1.6in-20in	3.8cm-48cm 1.5in-18.9in	10cm-1.5m 4in-59in	16cm-17.8m 6.3in-58.3ft	4cm-51cm 1.6in-20in	3.8cm-48cm 1.5in-18.9in	10cm-1.5m 4in-59in	16cm-17.8m 6.3in-58.3ft	N/A
<b>1D barcodes</b>	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A
<b>PDF417</b>	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A
<b>2D barcodes</b>	N	Y	N	N	Y	Y	Y	N	Y	Y	Y	N/A
<b>Environmental protection</b>	IP30	IP30	IP52	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP52
<b>Drop specification (26 drops to concrete)</b>	1.5m 5ft	1.5m 5ft	1.8m 6ft	1.98m 6.5ft	1.98m 6.5ft	1.98m 6.5ft	1.98m 6.5ft	1.98m 6.5ft	1.98m 6.5ft	1.98m 6.5ft	1.98m 6.5ft	1.2m 4ft
<b>Ambient light</b>	0-100,000 lux	0-100,000 lux	0-100,000 lux	0-100,000 lux	0-100,000 lux	0-100,000 lux	0-100,000 lux	0-100,000 lux	0-100,000 lux	0-100,000 lux	0-100,000 lux	N/A
<b>Vertical Applications</b>	Retail in Store & POS Healthcare (patient tracking, laboratory samples scanning) Spare part management Document tracking (eg banking, invoicing, insurance...) Access Control (eg airport ticketing, exhibitions...) Work in Progress	Cross Docking (re-labeling) Picking & put-away Work in Progress Transportation tracking Direct Store Delivery Retail: Speed Checkout, queue-busting, re-stocking and re-pricing	Warehouse applications (pick up & put-away, cross-docking, shipping and receiving) Forklift dedicated apps, inc. Shelf label scanning at XLR (EX25) Manufacturing Work in Progress & quality check Inventory management Asset Tracking Maintenance & repair	Warehouse applications (pick up & put-away, cross-docking, shipping and receiving) Forklift dedicated apps, inc. Shelf label scanning at XLR (EX25) Manufacturing Work in Progress & quality check Inventory management Asset Tracking Maintenance & repair	Warehouse applications (pick up & put-away, cross-docking, shipping and receiving) Forklift dedicated apps, inc. Shelf label scanning at XLR (EX25) Manufacturing Work in Progress & quality check Inventory management Asset Tracking Maintenance & repair	Warehouse applications (pick up & put-away, cross-docking, shipping and receiving) Forklift dedicated apps, inc. Shelf label scanning at XLR (EX25) Manufacturing Work in Progress & quality check Inventory management Asset Tracking Maintenance & repair	Cross docking, pick up and put-away Work in Progress Inventory Management Document tracking Maintenance & repair Spare part management					



## The Intermec Rugged Printer Family

	MOBILE PRINTERS			FIXED INDUSTRIAL PRINTERS		
	Label Printers	Receipt Printers	High Performance	Mid-Range	Commercial	
<b>Description</b>	Rugged wearable or vehicle mountable (truck, forklift, cart) label printers.	Rugged wearable or vehicle mountable receipt and invoice printers.	Round-the-clock, high volume printers. (5,000 to 10,000 labels per day)	Our most popular industrial printers. (2,000 to 7,000 labels per day)	Light industrial printers. (1,000 to 4,000 labels per day)	
<b>Applications</b>	Warehousing, Manufacturing, Asset Mgt, Retail, Healthcare, Public Safety	DSD, Route Accounting, Field Service, Retail Line Busting, Home Delivery	Manufacturing, Warehousing, Heavy Industrial, Healthcare	Manufacturing, Warehousing, T&L, Consumer Goods, Public Sector	Healthcare, Education, Public Sector	
	 PB22 / PB32 / PB50	 PB21 / PB31 / PB51	 PX41 / PX61	 PM41	 PD41 / PD42	
<b>Max Media Width</b>	2.25 / 3.125 / 4.39 in.		4.72 / 6.69 in	4.5 in	4.65 in	
<b>Max Print Speed</b>	4 ips		12 / 9 ips	8 ips	6 ips	
<b>Printer Languages</b>	All: iPL, Fingerprint/Direct Protocol (DP), ZSim (ZPL), DSIm (DPL) PD41/42: also ESIm (EPL)					
<b>Memory</b>	16MB RAM, 64MB Flash 8MB Flash, 16 MB SDRAM, 1 CompactFlash slot, 1 USB slot. (Up to 1GB CompactFlash available)					
<b>Communications</b>	RS 232 Serial, USB (Std): BT, WLAN (Optional) Ethernet, RS232 Serial, USB 2.0, USB Host/Device (Std); Parallel, 802.11 b/g (WiFi-CCX-Certified) (Optional)					
<b>Security</b>	WPA, WPA2, WEP (64 and 128), 802.1x (EAP-TLS, TTLS, LEAP, PEAP, EAP-Fast), 802.11i		WEP, WPA, WPA2, 802.1x (EAP-TLS, LEAP, PEAP, FAST), 802.11i			
<b>Other</b>	Drop Spec: 5 ft (MIL-STD 810 F), 6.5 ft (with optional case) IP Rating: IP 54 (excluding paper path) Card Reader: MSR, SCR available on PB21 & PB31		Resolution: 203, 300, 406 / 203, 300 dpi Also available with RFID.		Resolution: 203, 300 dpi Also available with RFID	
<b>Smart Printing</b>	Host-driven printing & Fingerprint programming capability. Benefits include stand-alone printing (no PC required), error proofing, BT connectivity to scanners and other peripherals.					
<b>Console Control</b>	SmartSystems enables quick deployment, remote monitoring and diagnostics of printers and other devices from a central PC console.					
<b>Better Together</b>	Designed, tested and optimized to work with Intermec mobile computers, media and software. Part of a complete Intermec AIDC solution. Buy Intermec fixed printers and media, and get free print heads for life. (Not available on desktop or mobile printers).					

\*MSR = Magnetic Stripe Reader SCR = Smart Card Reader





*In today's market, there is no shortage of supply chain technology providers. What's harder to find is a partner you can trust - absolutely - to not only deliver the best-in-class solution for your business needs but to also be there with the expertise and connections to implement your new systems and provide quality support long after. It's that extended scope, a commitment to serve your broader business needs, that makes Intermec different.*

We're in the business of helping you achieve the most return from your automated information and data capture (AIDC) and mobile computing systems. That means we do more than design and build the industry's most complete line-up of rugged, reliable and versatile equipment. We also work with you to get inside your challenges, to know your unique situation and then leverage our strong relationships with resellers and industry-leading alliance partners to help you create a total solution that harmonizes with your networks, platforms and processes. Our collaborative, connected approach can ensure a more complete and seamless implementation whether your needs call for our Gen2 RFID, bar code systems, rugged computers or a Cisco WLAN infrastructure.

And we're proud to call the best of the best our alliance partners: Cisco, IBM, Oracle, SAP and Microsoft. By integrating our products and services into our partners' premier software and systems, our customers enjoy an unsurpassed level of interoperability, performance and return on investment.

**All the right technologies and all the right ideas, brought together for you. With Intermec's industry experts and 40 years of data capture innovation and experience on your side, you'll be ready to implement your supply chain vision with total confidence.**



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