

# Intermec CN50 vs. Motorola MC75

## Competitive Overview



**Intermec CN50**



**Motorola MC75**



	Intermec CN50	Motorola MC75
Company Product Line	Mobile Computing, Printers, RFID	Mobile Computing, RFID
WWAN Radio	3.75G UMTS HSDPA/HSUPA, or CDMA 1x-EVDO Rev A	3G Connectivity (AT&T), HSDPA only or CDMA 1x-EVDO Rev A
Upload Speed	2.0 Mbps	384 Kbps
CDMA Radio	Standard: CN50 can be converted from CDMA to UMTS or vice versa. This allows customers to deploy a single hardware platform onto different carrier networks. Also this enables customers to change networks to negotiate for the lowest air time costs or other reasons.	None
Color Camera	2 capture options: Integrated 3.1 Mega Pixel, Auto focus Camera, plus 2D Imager	2 capture options: Integrated 2 Mega Pixel, Auto focus Camera, plus 1D Scanner or 2D imager
eMDI	Enhanced Mobile Document Imaging (eMDI)	Limited
Digital Compass	CN50 has a digital compass for use with multiple applications. Digital compass enhances navigation performance when used in conjunction with GPS.	None
Display	Quarter VGA Display	VGA Display
CPU	Dual ARM processors plus 2 dedicated DSPs. ARM 9 and ARM 11 operate at 528 MHz.	624Mhz Processor
GPS	Uses Qualcomm GPSOne	Uses latest SIRF 3 Chipset
Accelerometer	Standard: Internal accelerometer has numerous uses including auto screen orientation and power savings. Motion detection can determine whether or not device is being used and if worker is working.	None
Wifi	802.11 b/g	802.11 a/b/g
Ergonomics	74.3 x 153.0 x 27.5 mm	84 x 152 x 44 mm
Weight	303 g	422 g
Maintenance	Service from the start.	Service from the start.
RAM Memory	128MB RAM	128MB RAM
Flash Memory	512MB Flash	256MB Flash

## CN50 wins because...

- **Size and Weight**

The MC75 is 25% larger and 35% heavier. You simply don't need to carry a device that size to have features you need. The smaller, lighter CN50 will improve user acceptance, reduce fatigue, and improve productivity

- **WWAN radio, Software Defined Radio**

The CN50 3.75G WAN radio is "next generation" beyond the MC75. CN50 has everything the MC75 has, plus it includes High Speed Uplink Data. This reduces time spent on data transfer and allows the device to be used in applications that are not practical at slower uplink speeds. The software defined radio allows the CN50 to be reprogrammed on UMTS or CDMA networks. This provides flexibility to choose or change your carrier.

- **Camera**

The CN50 has a 3.1MP camera versus a 2MP camera in the MC75. For users that need to take pictures, the CN50 will provide significantly higher quality and better ease of use. This translates to improved productivity and better customer service.

- **eMDI**

Customers who use document imaging today or who plan to expand their capability in the future will value the Enhanced Mobile Document Imaging on the CN50. It saves time for those who use it today and it offers a way to expand services for business growth.

- **Digital Compass**

Digital Compass provides a significantly better navigation solution than just GPS for both pedestrian and vehicle based applications. Digital compass combined with GPS and camera provides a much better solution for documenting "crash scene" or field service repairs in a single device.

- **Ruggedness**

Although both products have roughly the same drop spec, the antenna on the MC75 looks very susceptible to damage. Customers who require ruggedness will value the more solid high quality design of the CN50.

- **High speed processor, larger memory, and the capability for a 32 GB SD card** means the CN50 can store more data and will perform applications faster than MC75. This improves productivity and allows the device to be used for more applications.

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