

Based on wireless Internet

Interactive
Mobile
Compact
DATA terminal platform

The mobitron integrated terminal platform is a hand-held mobile computer that supports high speed networking (CDMA / GSM / GPRS / WLAN network) And integrates all components that are combined as peripherals-printer, magnetic stripe reader, barcode scanner

www.mobitron.co.kr



HAND HELD MOBILE COMPUTER

MOBITRON

MDT9100



MODEL NAME	BARCODE SCANNER	RFID	COMMUNICATION			IrDA	CF/SD CARD
			WLAN	CDMA	GSM/GPRS		
MDT 9111							
MDT 9112							
MDT 9113							
MDT 9114							
MDT 9115							
MDT 9121							
MDT 9122							
MDT 9123							
MDT 9124							
MDT 9125							
MDT 9131							
MDT 9132							
MDT 9133							
MDT 9134							
MDT 9135							

CPU	Intel XScale PXA270 520MHz processor
Memory	128MB RAM, 192MB Flash
Display	240(w) x 320(h) pixel, 1/4 VGA with hardware acceleration 3.5" TFT touch screen LCD, 65K colors, EL Backlight
Keypad	Qwerty type / 25 keypads type(optional)
CDMA	CDMA 2000 1xRTT, EVDO Dual Band (800 MHz & 1,800, 1,900 MHz)
GSM/GPRS	Multi-Band GSM/GPRS, Class 10 850/900/1,800/1,900 MHz HSDPA 3G 2,100 MHz (optional)
Wireless LAN	IEEE802.11 b/g compliant
Bluetooth	V1.1 or V1.2 Compliant, Class 2
RFID & Contactless Smartcard Systems	13.56MHz RF STANDARDS;ISO14443A/B,ISO15693 Encryption ; Mifare, DESFire, my-d, Legic
Barcode Scanner	1D or 2D, Long range Scanner Supported
I/O	USB Host, USB Client, Serial, IrDA 1.3 compatible
Audio	Speaker
Camera	1.3 Mega Pixels(optional)
CF Slot	CF Type I, II
SD Slot	SDIO, SD, MMC
Main Battery	Lithium Polymer Type, 4.2V/2,650mA
Secondary Battery	Lithium Ion Type, 3.7V/200mA
Power	AC 100-240V, 50/60Hz, 0.3A/DC 5V
OS	Windows CE 5.0
Software	Microsoft internet explorer 6.0 web browser for Windows CE 5.0
Durability	Drop tested from 1.2m to concrete, sealed according to IP54
Operating temperature	-20° C ~ 50° C
Dimension(LxWxH)	82 x 190 x 45
Weight	300g



SCANNER



RFID



IrDA



CF CARD



SD CARD



SCANNER, CF/SD CARD SLOT



RFID, CAMERA



HAND STRAP



CRADLE

MDT9200

MODEL NAME	PRINTER	BARCODE SCANNER	MSR	COMMUNICATION			IrDA	SMART CARD READER	USB
				WLAN	CDMA	GSM/GPRS			
MDT 9201	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9202	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9203	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9204	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9205	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Processor	XScale PXA 400MHz Processor
OS	Windows CE.Net
Memory	64MB RAM, 64MB Flash
Display	3.5", 1/4 VGA color transfective TFT display, touch panel
Card Slot	SD/MMC card slot
Key board	21 keys
Battery	2200mAh@ 8.4V Lithium Polymer
Charger	DC 8.4V, 800mA
MSR	Bi-directional ISO 7811 Track 1, 2 or 2, 3
Communications	WLAN 802.11b/g, CDMA 1x RTT, EVDO, GSM/GPRS
Memory Expansion	SD/MMC card slot
Other I/O	USB Host, Client, IrDA, Serial post, Ear-microphone jack(optional)
Printer	Paper with 58mm, 384 dots/line
S/W Development	Intelligent Mobitron Software Development kit (SDK)
Dimension(LxWxH)	234x100x64(mm)
Weight	480g (included battery)



PRINTER

MSR

IrDA

MDT9300

MODEL NAME	PRINTER	BARCODE SCANNER	MSR	COMMUNICATION			IrDA	SMART CARD READER	USB
				WLAN	CDMA	GSM/GPRS			
MDT 9301	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9302	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9303	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9304	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9305	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Processor	XScale PXA 400MHz Processor
OS	Windows CE.Net
Memory	64MB RAM, 64MB Flash
Display	3.5", 1/4 VGA color transfective TFT display, touch panel
Card Slot	SD/MMC card slot
Key board	21 keys
Battery	2200mAh@ 8.4V Lithium Polymer
Charger	DC 8.4V, 800mA
Scanner	1D, 2D, imager
MSR	Bi-directional ISO 7811 Track 1, 2 or 2, 3
Communications	WLAN 802.11b/g, CDMA 1x RTT, EVDO, GSM/GPRS
Memory Expansion	SD/MMC card slot
Other I/O	USB Host, Client, IrDA, Serial post, Ear-microphone jack(optional)
Printer	Paper with 58mm, 384 dots/line
S/W Development	Intelligent Mobitron Software Development kit (SDK)
Dimension(LxWxH)	234x100x64(mm)
Weight	520g (included battery)



PRINTER

MSR

IrDA

SCANNER

MDT9500



MODEL NAME	PRINTER	BARCODE SCANNER	MSR	COMMUNICATION			IrDA	SMART CARD READER	USB
				WLAN	CDMA	GSM/GPRS			
MDT 9501	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9502	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9503	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9504	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9505	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Processor	XScale PXA 400MHz Processor
OS	Windows CE.Net
Memory	64MB RAM, 64MB Flash
Display	3.5", 1/4 VGA color transfective TFT display, touch panel
Card Slot	SD/MMC card slot
Key board	21 keys
Main Battery	2200mAh@ 8.4V Lithium Polymer
Secondary Battery	200mAh@ 3.7V
Charger	DC 8.4V, 800mA
MSR	Bi-directional ISO 7811 Track 1, 2 or 2, 3
Smart Card Reader	EMV Level 1 and 2 certified
Communications	WLAN 802.11b/g, CDMA 1x RTT, EVDO, GSM/GPRS
Memory Expansion	SD/MMC card slot
Other I/O	USB Host, Client, IrDA, Serial post, Ear-microphone jack(optional)
Printer	Paper with 58mm, 384 dots/line
S/W Development	Intelligent Mobitron Software Development kit (SDK)
Dimension(LxWxH)	234x100x68(mm)
Weight	575g (included battery)

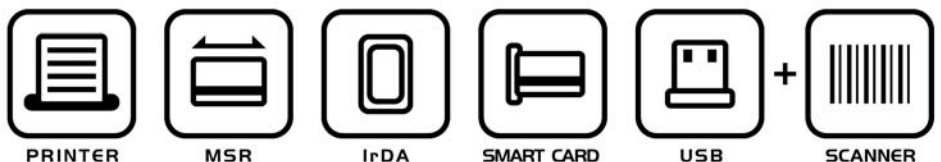


MDT9600



MODEL NAME	PRINTER	BARCODE SCANNER	SR	COMMUNICATION			IrDA	SMART CARD READER	USB
				WLAN	CDMA	GSM/GPRS			
MDT 9601	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9602	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9603	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9604	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MDT 9605	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Processor	XScale PXA 400MHz Processor
OS	Windows CE.Net
Memory	64MB RAM, 64MB Flash
Display	3.5", 1/4 VGA color transfective TFT display, touch panel
Card Slot	SD/MMC card slot
Key board	21 keys
Main Battery	2200mAh@ 8.4V Lithium Polymer
Secondary Battery	200mAh@ 3.7V
Charger	DC 8.4V, 800mA
Scanner	1D, 2D, imager
MSR	Bi-directional ISO 7811 Track 1, 2 or 2, 3
Smart Card Reader	EMV Level 1 and 2 certified
Communications	WLAN 802.11b/g, CDMA 1x RTT, EVDO, GSM/GPRS
Memory Expansion	SD/MMC card slot
Other I/O	USB Host, Client, IrDA, Serial post, Ear-microphone jack(optional)
Printer	Paper with 58mm, 384 dots/line
S/W Development	Intelligent Mobitron Software Development kit (SDK)
Dimension(LxWxH)	234x100x68(mm)
Weight	615g (included battery)



SPECIFICATIONS

DISPLAY	LCD Touch-screen	240(w) x 320(h) pixel	
	Size	3.5" (color TFT LCD)	
CARD READER	Magnetic stripe	Bi-directional ISO 7811 Track 1,2 or Track 2,3	
	Reliability	500,000 reads	
SMART CARD READER	EMVCO	EMV Level 1,2 certified	
BARCODE SCANNER	Barcode scanner interface	1Dimension	
		2Dimension	
		Imager	
USB	Host	Finger Printer Reader Supported	
KEY ENTRY	Keypad	21 button keypad with dedicated	
		menu keys and software function keys, waterproof	
COMMUNICATIONS	CDMA	Operating Frequency Range : Cellular 800 MHz	
		PCS 1,800 MHz	
		Dual Band (800 MHz & 1,900 MHz)	
		Date rate : up to 153 Kbps	
		Software Stack : CDMA 2000 1 x RTT, EVDO	
		Built-in TCP/IP Proprietary	
		CDMA Protocol : IS-95A/B/C, IS-98A, IS-126, IS-636A, IS-707A	
		IS-637 SMS	
		IS-707-A.4 : Async Data Service	
		IS-707-A.5 : Packet Data Service	
		IS-96A : Voice Signal	
		IS-99 : Circuit-Switched Data	
		GSM/GPRS	Multi-Band GSM/GPRS Class 10
			Dual-Band 900/1,800 MHz, 850/1,900 MHz
Compliant with ETSI GSM phase 2 + standard			
300mA average current in communication			
<3.5mA in idle mode(GSM)>			
3V SIM Interface with SIM Detection			
Wireless LAN	802.11b/g		
Extra Interface	Serial RS232/USB, SD		
PRINTER	Thermal Printer	Paper width : 58mm(2")	
		Full graphics w/384 dots/line(2")	
CPU		Intel XScale 400MHz	
MEMORY	RAM	64MB	
	Flash	64MB	
OS	Microsoft	Windows CE.Net	
	Mobitron	Full function API for all featured devices	
SOFTWARE		Includes Microsoft Internet Explorer Web Browser for Windows CE	
FOOTPRINT	Dimensions	LxWxH(234x100x64-68(mm))	
WEIGHT		480g-615g	
RELIABILITY	MTBF	100,000 hours (not including printer)	
POWER	AC	88-264VAC, 50/60 Hz, 0.3A Max	
	DC	8.4V,(+0.05V/-0.02V)	
	Battery	Type : Lithium Polymer	
		Voltage : 4.2V / 2,200mA x 2 Cell	
ENVIRONMENT	Drop resistance	Standby Time : 80 hurs	
		1.2m on to concrete	
		Temperature	Operation temperature : -10°C to +50°C
		Storage temperature : -20°C to +60°C	



SMART CARD READER



USB HOST



SD/MMC CARD



BARCODE SCANNER

Mobitron Co., Ltd.

157-721 Rm.601, Kayang Technotown, 1487, Kayang 3-Dong, Kangseo-Gu, Seoul, Korea
TEL : +82-2-2668-6777 FAX : +82-2-2658-6839 URL : <http://www.mobitron.co.kr>
E-mail : chief@mobitron.co.kr

The Mobitron's MDT Series is a secure, high performance, internet-enabled terminal that is based on a widely accepted operating system and a standards-based open development platform. Incorporating Intel Xscale, ARM 32 bit RISC CPU, CDMA, GSM/GPRS, Wireless LAN module and Microsoft Windows CE Operating System, developers can create diverse custom applications and value-added programs using standard Microsoft development tools such as Visual C++ and embedded Visual Tools.

With its 3.5" TFT Color LCD the Mobitron MDT terminal supports Internet-based service such as, e-mail, on-screen advertising, interactive electronic coupons, electronic receipt capture, user e-commerce functions and cash management reporting, as well as secure credit, debit payment functions. Microsoft Internet Explorer for Windows CE is also included for Web browsing.

The Mobitron MDT terminal is specifically geared to mobile and service business who want to take the payment terminal to the customer. The Mobitron MDT terminal comes with built-in thermal printer, msr, smart card reader, wireless modem and barcode scanner, rechargeable battery pack. This mobile computing solution is targeted to

- . **Logistics**
- . **Distribution**
- . **SFA**
- . **Home delivery services**
(fast food, grocery, couriers, pharmacy)
- . **Event/sports stadium sales**
- . **Restaurants, Taxi cabs**
- . **Traffic police affair**
- . **Rental & Leasing**

The multi-purposed Mobitron MDT terminal incorporates all of the features of Mobitron's MDT terminals including embedded operating system with built-in HTML/HTTP web browser and integrated printer, barcode scanner. It also offers communication options such as Mobitron's CDMA, GSM/GPRS, Wireless LAN fast financial transactions. Communications protocols include TCP/IP, PPP protocols, enabling the Mobitron MDT terminal to quickly interface with virtually any current point-of-sale register system, available internet service provider (ISP) or networking service.