

Compact Handheld Data Terminal MC-6080

Compact & Portable / Win CE O.S
IP54 sealing / 2.4G Active RFID



Our MC-6080 is an industry-level handheld terminal which adopts ergonomic design and is compact and flexible. Support Windows CE 5.0 operating system and IP54 sealing with drop capability from 1.2/1.5(with rubber) meters onward. This device has features of shock-proof, drop-proof, dustproof and high-/low-temperature resistant. In addition, the dual power supply make it a ideal for field work force applications.



Compact, Lightweight and Portable

3.2 inch touch color screen, QVGA 320*240 resolution, support hand-writing. Highly compatible and reliable to ensure rapid application development and data integrity.

Excellent Data Capture

Integrated with 1D and Wi-Fi. Optional with 2D barcode scanner and UHF/HF/LF RFID reader; Support Camera 2-3Megapixel; Bluetooth and GPS.

IP54 Industrial Standard Certified

With strong compatibility and stability. Sealing against dust and splash of water, well drop capability from 1.2/1.5 (with rubber) meters onward.

Dual Power Mode and Special Hand-strap Design

Dual power supply mode with long standby capacity to prevent data loss accidentally, and unique hand-strap design for easy-to-carry.

Multipath Communication, Bluetooth Weighting and Printing Function

Support Wifi, GPRS/GSM, WCDMA, CDMA2000, and special bluetooth printing and weighting function.

Application Fields:

Transportation & Logistics / Garment & Chain Store / Retail Market / Retail & Wholesale International Trade / Healthcare & Hospitality / E-commerce / Production Management Government Law Enforcement / Manufacturing

MC-6080 Specification

Physical Characteristics	Dimensions	Standard: 150mm*70mm*25mm With rubber: 160mm*75mm*35mm (optional)		
	Weight	240/275g (with rubber)		
	Display	3.2" TFT-LCD QVGA (240 x 320) color touch screen		
	Keyboard	28-29 keys (Number/Alphabetic keys, Directional button, Scan button)		
	Input	Chinese, English, handwriting, support soft keyboard		
	Power	Main Battery	3.7 V 2800mAh rechargeable lithium battery, which can work for eight hours or above (depending on the actual environment).	
	Slave Battery	150 mAh, prevent data loss for six hours. Charging time: 3.5 hours		
Performance Characteristics	O.S.	Microsoft Windows CE 5.0, Multi-lingual (Chinese, English, Japanese)		
	CPU	533MHz		
	Memory	RAM	RAM 128MB	
		ROM	F-ROM 128MB or 256MB or 512MB	
	Expansion	Micro SD/TF slot (a maximum of 16 GB)		
Interfaces	USB, RS232			
Barcode Scanner Ability	1D Barcode	Scanning Rate	100 scan/sec+20 scan/sec	
		Decode Capability	UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, Bookland EAN, CODE128, UCC/EAN-128, ISBT128, Code39, Trioptic Code39, Code39 Full ASCII, Code39, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, GS1 Databar12, GS1 Databar Limited, GS1 Databar Expanded	
	2D CCD	Decode Capability	QR Code, PDF 417, Data Matrix, Micro QR Code, Micro PDF417, Aztec Code	
Radio Communication	Wi-Fi WLAN	Internal 802.11b/g/wireless communication, upto 54Mbps, compliance with CISCO CCX2,3 security standard, CISCO AP and Security Features		
	WWAN Communication	GPRS Classe 10/12, EDGE/UTMS (WCDMA)/HSDPA, CDMA2000 1XEV-DO Rev.A, Support 3GPP 27.010, GSM 07.10 multiplexing, wireless communication module		
	WCDMA	Frequency Range	GSM850 /EGSM900 /DCS1800 /PCS1900 /UMTS2100 /UMTS900	
		Data Rate	GPRS class B, multislots class 10 operation EDGE multislots class 12 operation UMTS (WCDMA) R99 data rates, 384 kbps downlink, 384 kbps uplink HSDPA: • Category 5/6 data rate—3.6 Mbps • Category 12 data rate—1.8 Mbps Support 3GPP 27.010 multiplexing.	
	CDMA 2000	Frequency Range	800MHz/1.9GHz	
		Data Rate	IS-2000 data rates up to 153* kbps IS-856 (1xEV-DO Rev. A) data rates up to 3.1 Mbps forward channel and 1.8 Mbps reverse channel. Support 3GPP 27.010 multiplexing.	
Options	Bluetooth	Bluetooth V2.1 + EDR		
	Camera	2 million/3 million pixels and fill light		
	GPS	48 channels		
	RFID	Customizable, support: LF: ISO11784/11785; HF: ISO15693, ISO14443A/B, SRI513/SRI4K; 2.4GHz Active RFID Reader		
User Environment	Operating Temperature	-10°C to +50°C		
	Storage Temperature	-20°C to +60°C		
	Humidity	5%—95% (non—condensing)		
	Drop Durability	Multiple drops to concrete: 4 ft./1.2m (rubber:5 ft./1.5m) across the operating temperature range		
	Sealing	IP54 standard for water and dust resistance		
Peripherals and Accessories	Cradles	Double-slot charging dock: The reverse side for backup battery charging, front side with slot can be directly used for data communication		
	Printers	Supports extensive line of COM printer and bluetooth printer		
	Other Acceseries	Pouch, vehicle charger		
Regulatory	Product Certification	CCC, CE, RoHS		
	Laser Safety	IEC2 Class /FDA II Class,Compliance with IEC60825-/EN60825-1 Standard		
	Warranty	12 months (except the accessories)		