

DS5

Rugged Mobile Solution

Industrial device architecture dedicated
for enterprise mobility workforce and field operation



Purpose-built design to meet unique needs of heavy tasking mobile professionals in industries

The new Mobilebase DS5 series is perfect companion to field service professionals to stay active in manufacturing, retail, warehouse, distribution, logistics and other services wherever rugged mobile technology is deployed. DS5 is Equipped with ARM based Cortex™ A8 1GHz processor and 512MB RAM memory, thus it is capable to deliver superior computing response time to performance demanding enterprise applications that handle rigors of various environmental requirements to help increase productivity. 5200mAh, one of the largest battery capacity that ensures mobile professionals to stay in full day of business operation hours.

DS5 provides three types of unique display options within the same rugged construction architecture. 3.5” VGA and QVGA screen option ensuring painless user interface development to existing enterprise applications. A prominent 4.3” WVGA display option delivers comport and precise view to improve user experience. Solid IP67 sealing completely ensures DS5’s sustainability against to various dust intrusion and water immersion. DS5 has impressively managed to integrate all major features into naturally smaller body. Ruggedness is proven far beyond market standard and it was achieved without any extra protective aid. DS5 challenges all competitors in the ultra-rugged class.



Features

- One-hand fitting compact grip design
- Large 3.5 inch, or 4.3 inch display
- Rechargeable and replaceable 5200mAh extra large capacity battery
- IP67 certified and 1.8m drop resistance
- Easy swappable numeric keypad and full alphanumeric keypad
- Single mini USB cable to simplify charging and data sync
- Powerful ARM Cortex™ A8 1Ghz processor to deliver superior performance to the most demanding applications

Specifications

Characters	DS5		DS5 variance
Display	3.5 inch 65K colors - VGA 480X640 - QVGA: 320x240		4.3 inch 12m colors - WVGA 480X800
Dimensions (mm)	212x78 (grip:58)x37		225x78(grip:58)x37
Weight (g)	393g		410g
Battery	Li-ion 3.7V 5200mAh Li-ion		
Backup Battery	130mAh Li-ion battery		
Operating System	Windows Embedded CE6.0, Windows Embedded Handheld 6.5		
Processor	ARM Cortex™ A8 1Ghz		
Memories(RAM/ROM)	512MB/1GB		
USB	High-speed USB2.0 (Host-Client)		
External Interface	Mini USB, Micro SD slot, SIM slot (optional), SAM slot (optional)	Mini USB, 3.5V TTL COM (Back side), micro SD slot, SIM slot (optional), SAM slot (optional)	
Sound & Mic	Louder Speaker, Receiver, Mic		
LED & Indication	Charging LED, Network LED, Scan alarm LED, Modifier key status LED, Vibration		
Key board (User swappable)	34 Numeric Keys (Numbers with Alpha, Programmable keys F1~F10) 54 Keys (Full Alpha & Numeric keys)		
Scanning triggers	4 triggers (center, left & right side keys, back)		
Sealing & Drop	IP67, 1.8m multi-drop resistance to concrete		
Storage Temperature	-30°C to 70°C		
Operating Temperature	-20°C to 70°C		
Humidity	95% non-condensing		
Regulatory	KCC, CE, RoHS, CCC, NAL, SRRC		

Optional Integration Features			
WWAN	UMTS/HSPA+: 800/850/900/1900/2100MHz, GSM/GPRS:850/900/1800/1900MHz		
WLAN	IEEE 802.11 b/g/n (2.4Ghz), Optional 802.11 a/b/g (Dual band)		
WLAN Security	WEP, WPA,-PSK(TKIP), WPA2-PSK(AES), 802.1X EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, PEAP-MSCHAPv2, PEAP-TLS, LEAP		
WPAN	Bluetooth Class II v2.1 with EDR		
Scanner	1D Laser / 2D Imager		1D Laser / 2D Imager
RFID	HF	13.56 MHz, ISO14443A/B, 15693, 18000-3	13.56 MHz, ISO14443A/B, 15693, 18000-3
	LF	-	-
	UHF	N/A	EPC Gen 2 UHF Gun (860 ~960MHz)
Camera	5.0M Pixel AF with Flash		
GPS	A-GPS		
Warranty	1 year manufacturer’s warranty		

Enterprise Mobility Portfolio			
• TE (IBM3270/5250, Telnet VT100/220/420 HP2392A, HP700/92, Fujitsu 6681, Quantum QNX, StratusV102/103/105) • Hot key • Lock Application • Summit Utility Client (WLAN management tool)			
Default Accessories			
• Mini USB cable for data sync and charging through PC • AC Adapter (USB type)		• Screen protection film • Stylus pen and string	• Hand strap
Optional Accessories			
• Desktop cradle -USB: charging, mini USB (Client), USB (Host), RS232 • Desktop cradle -Eth: charging, mini USB (Client), Ethernet, RS232 • Snap on: charging, USB sync, RS232 • 4 Slot cradle: charging, Ethernet		• Vehicle cradle: Mounting only (power supply through Snap on) • mini USB data & charging cable • Gun trigger • RFID Gun trigger (UHF)	

For more information, please visit

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