# DS5

## Rugged Mobile Solution

Industrial device architecture dedicated
for enterprise mobility workforce and field operation

One-hand Fitting Grip

4.3 inch Display

Rugged Display Construction

IP 67

1.8m Drop

Large Battery Capacity

Enterprise Class Wi-Fi

Mini USB Charging & Sync

1D/2D Barcode

RFID

GPRS/EDGE Class 12

HSPA+

CE 6.0 WEH 6.5

Cortex Low-Power Leadership from ARM

Powered by Windows® Embedded

# 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 CortexTM 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 CortexTM A8 1Ghz processor to deliver superior performance to the most demanding applications

## Specifications

| Characters | DS5 | DS5 variance |
|---|---|---|
| Display | 3.5 inch 65K colors<br>- VGA 480X640<br>- QVGA: 320x240 | 4.3 inch 12m colors<br>- 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<br>(User swappable) | 34 Numeric Keys (Numbers with Alpha, Programmable keys F1~F10)<br>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℃ to 70℃ | |
| Operating Temperature | -20℃ to 70℃ | |
| 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)<br>• Hot key  • Lock Application • Summit Utility Client (WLAN management tool) | | |
| **Default Accessories** | | |
| • Mini USB cable for data sync and charging through PC<br>• AC Adapter (USB type) | • Screen protection film<br>• Stylus pen and string | • Hand strap |
| **Optional Accessories** | | |
| • Desktop cradle -USB: charging, mini USB (Client), USB (Host), RS232<br>• Desktop cradle -Eth: charging, mini USB (Client), Ethernet, RS232<br>• Snap on: charging, USB sync, RS232<br>• 4 Slot cradle: charging, Ethernet | • Vehicle cradle: Mounting only (power supply through Snap on)<br>• mini USB data & charging cable<br>• Gun trigger<br>• RFID Gun trigger (UHF) | |

78mm

78mm

78mm

225mm

212mm

58mm

58mm

**"State of the art" technology for the future**

# Leading Ahead of Enterprise Value



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