



# MobiScan<sup>®</sup> MS2800 Handheld CE6.0



The most modular handheld data terminal MS2800 has been designed with complete product function. It specially designs appearance, oversized display screen, sensitive touch screen, modular standard keyboard, custom-made data acquisition module and wireless communication data transmission module, and adopts powerful processor, stable Windows Embedded CE 6.0 operating system, extra large memory capacity, rechargeable Li-ion smart battery with ultra-large capacity and characteristics of portability, good-looking appearance, sturdiness and durability.

## PHYSICAL CHARACTERISTICS

Dimensions	189 * 68 * 38mm
Weight	280g (includes main battery)
Display	2,8in. 240 * 320 px. QVGA TFT-LCD with backlight, 65K colors
Expansion Slots	1 SD Card, 1 SIM/PSAM
Battery	Main bat. rechargeable li-ion battery <b>3200mAh</b>
Audio	0.5Watt speaker
Keypad	alphanumeric, 3 side buttons
Interfaces	USB Micro-B, 3.5mm Audio Jack

## PERFORMANCE CHARACTERISTICS

CPU	533MHz
Memory	256MB RAM
Storage	4GB iNAND Flash MicroSD max.32GB expansion

## USER ENVIRONMENT

Operating Temp.	<b>-10 to 50°C</b> / 14 to 122°F
Storage Temp.	-40 to 70 °C/-40 to 158 °F
Humidity	5%RH - 95%RH (Non-condensing)
Tumble Spec.	1,000times, 0.5m/1.6ft tumbles, in accordance with IEC tumble specification
Sealing / Drop Spec.	<b>IP64</b> or IP65(Optional); multiple 1.5m/3.9ft drops over operating temperature range, in accordance with <b>MIL-STD 810G</b>
Electrostatic Discharge (ESD)	+/-15kv VDC air discharge +/-8KV VDC direct discharge

## PROGRAMMING ENVIRONMENT

Operating System Windows Embedded **CE 6.0**  
SDK Software Development Kit  
Language C#, C++, VB.NET

## COMMUNICATION

WLAN IEEE802.11b/g/n Compliance with CISCO CCX2/3 security standard  
Support **seamless Roaming**  
GPRS 900/1800MHz or 850/900/1800/1900MHz  
or WCDMA (900 / 2100 MHz)  
or WCDMA (850 / 2100 MHz)  
or WCDMA (850 / 1900 MHz)  
or CDMA2000 EVDO: 800MHz

WWAN (optional)

WPAN Bluetooth Class v2.0+EDR, range 5 - 10m

## BARCODE SCANNER

1D Linear Scanner All major 1D barcodes Symbologies  
PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR  
code, Micro QR code, A ztec, MaxiCode; Postal Codes: US PostNet,  
US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal  
(KIX), etc.

2D CMOS SE4500 scanner (Optional)

## GPS (OPTIONAL)

AGPS u-blox NEO-6M low energy GPS chip

## CAMERA (OPTIONAL)

5.0 mega pixels, auto focus

