

G:SMART [ON-8900] Enterprise Mobile Computer

Industry-leading drop test,
IP65 sealing and integrated antennas
Lightweight yet rugged; built for year-
round use in nearly any environment

Microsoft's latest operating
system: Windows Mobile 6.5
Increased interoperability with existing
infrastructure; enhanced security features;
more flexible development platform; improved
mobile messaging collaboration

your choice of 2D CMOS Imager
barcode scanner (upon request),
MART is the perfect productivity
tool for your company's
field workforce.



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The ON-8900 is a feature rich extremely rugged (IP65 & 1.5m drop spec) Enterprise PDA. Ideally suited for pre-sales, merchandising, field sales/service and logistics organisations. Its integrated scanner, camera and flash, GPS and phone eliminate the need for users having to carry multiple devices. The onboard Bluetooth, Wi-Fi, and 3.5G data communications connect your workforce to head office whenever and wherever they might be for real time business information exchange. The cost effective ON-8900 can streamline business processes making it an affordable tool to both corporate and SME operations.

Integrated Radios	3.5G HSUPA / HSDPA / UMTS / EDGE / GPRS / GSM Band(850/900/1800/1900MHz), IEEE 802.11b/g, Channels 1 to 14 (2414-2484MHz) BlueTooth Class 2.1 + EDR GPS	Interface	USB Active Sync Connection SIM card slot, T-flash card slot, infrared slot RS232 Port
Mobile Services	Speech Services withEFR/FR/AMR codec Emergency call DTMF tone generation Call holding, waiting, forwarding, barring SMS	Battery	3000mAh Removable and chargeable Li-Polymer
SIM Function	3V/1.8V uSIM operation SIM application toolkit	Battery Backup	Ni-MH 100uA 3.0V, not user accessible
Microprocessor	SAMSUNG SC36410 667MHz	Working Time	6 hours phone talktime; stand mode up to 200 hours
Operating System	Microsoft® Windows Mobile® 6.5	Accessories	Desktop Adaptor with USB port Desktop cradle Vehicle power adapter Spare Battery Charger Leather Belt Carry Case Audio Headset
Display	2.8" Colour Touchscreen, 320x240 pixel resolution TFT with backlight	Wireless Security	WPA/WPA2, WEP (40 or 128 bit), TKIP, AES, LEAP
Integrated 2D Scanner	MaxiCode, Data Matrix, PDF417, Code39, UPC, QR Code, OCR A & 1D barcode symbologies Honeywell 5100 SR (5100 SF upgrade) with integral camera mode	Communications Support	Phone/SMS/SMS extension slot E-mail/Browser/ MSN messenger
Camera	3.0 MP CMOS Type w/Flash	Multimedia Software	Record Media Player
Memory and Storage	256MByte SDRAM + 256MByte FLASH	Document Viewer	PDF/Excel/Word/Power Point/ Picture
IC card Support	ISO 7816 1-2-3 specification read/write function	Dimension / Weight	135 MM L x 72 MM W x 28.1 MM H 300g
Audio Support	Voice record and playback Front panel microphone support for VOIP/Speech Recognition/PTT Applications	Drop Specification	1.5M drop to concrete
Keyboard/ Buttons	Power on/off key Send and End phone keys Soft application 2 keys Navigation 5-way key Volume control Soft reset by holding PWR key down 5 seconds 12 alphanumeric keys	Electrostatic Discharge (ESD)	±12kV air discharge, ±8kV direct discharge
RFID Support	Optional HF(13.56 MHz)/ LF(125KHz or 134.2 KHz) UHF 868-915MHz	Environmental Sealing	IP65
		Humidity	25% RH ~ 85% RH
		Operating Temperature	-20°C ~ 60°C
		Application Development	Windows SDK & API's Microsoft Visual Studio 2008/2005 Microsoft Visual Studio .NET 2003

