M8930 / M8940

dAp

Flexibility in a Portable Windows® CE 6.0 Tablet

Get mobility, screen size, and a full keypad in this rugged tablet that can be vehicle mounted or undocked for hand-held applications.

Full keypad option—M8940 offers a QWERTY keypad with dedicated 10-key for efficient data entry.

Larger screen size in a mobile device—M8930 offers a full WVGA (800 × 480) touchscreen with six programmable function keys.

Sunlight-viewable touchscreen—optically-enhanced touchreen provides maximum visibility in all lighting conditions.

Windows® CE 6.0 Professional—run powerful applications on Microsoft's latest platform.

Designed for safety—compact form factor allows for a clear line of sight in vehicle-mounted applications.

Flexible data collection—pair with an external, long-range scanner or use the quick-release vehicle mount and integrated laser scanner for mobile data collection.

Environmentally sealed—IP67 and meets MIL-STD-810F requirements.

Wireless communication—GPRS/GSM 3G, WLAN with a Summit 802.11 b/g radio, Bluetooth®, and GPS.

Accessories

Desktop Dock

Vehicle Dock

2-Slot Battery Charger

Battery Packs

Core System	
Operating System	Windows® CE 6.0 Professional
Processor	Marvell® PXA300 624 MHz
Memory	128 MB SDRAM
	512 MB high-speed solid state drive

Display	
Common features	Sunlight viewable
	Hardened touchscreen
	Passive stylus or finger operation
M8930	7-inch WVGA (800 × 480)
	450 nits
M8940	6.2-inch half-SVGA (800 × 300)
	350 nits

Keypad & Buttons	
Common Features	Adjustable keypad backlight
	Programmable trigger on underside
M8930	3-key keypad (enter, navigation, function)
	7 programmable keys (touchscreen)
M8940	64-key alpha-numeric QWERTY keypad
	Dedicated function keys
	Independent numeric keypad

Communications	
WLAN	Summit 802.11 b/g
WWAN	GPRS/GSM 3G
GPS	SiRFstarIII GPS
Bluetooth®	Bluetooth® v2.0 + EDR Class II

Input/Output	
	Power jack
	1× USB host
	1× USB client
Via dock connector	1× RS-232
	1× USB client
	1× Ethernet

Barcode Scanning / Data Capture	
Short range barcode	1D laser
DAP Universal Camera	3-MP color camera with flash, auto-focus, and zoom

Expansion Slots	
	SD card slot (supports up to 32 GB)
Multi-I/O interface	USB
	RS-232

Audio	
	Speaker
	AC97
	3.2 mm stereo headset jack (audio in/out)

Software	
ActiveSync, FTP client/server, IE 6.0, Viewers for Microsoft® Office and PDF files, Inbox, Windows Media Player, Remote Desktop, Terminal Services, Voice Recorder, Backup and Restore, Barcode Scanner Utility	

Power	
Primary internal	Li-ion battery, 7.4 V, 2600 mAh
Secondary battery	Li-ion battery pack, 7.4 V, 2400 mAh (hot-swappable)
Input	10–20 VDC, 2 A

Dimensions	
	9.0 (L) × 7.3 (W) × 2.3 (H) inches [230 × 185 × 60 mm]
M8930	2.96 lb. [1346 g]
M8940	3.05 lb. [1384 g]

Regulatory	
	FCC class B
	CE
	RoHS
	WEEE
Laser safety	A21CFR1040.10
	IEC/EN 60825-1

Environment	
Operating temperature	-4 to +122 °F [-20 to +50 °C]
Charging temperature	32 to +104 °F [0 to +40 °C]
Storage temperature	-22 to +158 °F [-30 to +70 °C]
Drop	Multiple 4-foot (1.2-meter) drops to concrete
ESD	15 kV air discharge, 8 kV direct discharge
Sealing	IP67 certified
Humidity	5%–95%, non-condensing
Vibration	MIL-STD-810F

Feature Configurations

Configuration Options (select one)	WLAN	Bluetooth	WWAN	GPS
1D laser scanner (short range)	•	•	•	•
DAP Universal Camera	•	•	•	•

dap technologies™