

CP50

Industrial Mobile Computer



Performance	Operating system	Windows® Embedded Handheld 6.5
	CPU	Samsung S3C6410 at 800MHz
	Memory	2 GB Flash / 256 MB DRAM
	Expansion	micro SD slot with SDHC support
	Operating power	Rechargeable 3.7 V 3300 mAh Li-Ion battery
	Working hours ¹	10 hours
	Alert	Dual-color LEDs (red / green, blue / green), vibrator, speaker
	Interface supported	USB 2.0 client
Wireless communication	WWAN ²	GSM / GPRS / EDGE / WCDMA / HSDPA / HSUPA / HSPA+ (3.8G) GSM band: 850 / 900 / 1800 / 1900 UMTS band: 850 / 1700 / 1900 / 2100
	WLAN	IEEE 802.11 b/g
	WLAN security	WEP, EAP, WPA (PSK), WPA2 (TKIP, AES, PSK), WAPI
	WPAN	<i>Bluetooth</i> ® Class II, V2.1 + EDR
	<i>Bluetooth</i> ® profile	GAP / SDP / GOEP / SPP / OPP / DUN / A2DP / PAN / HID / HSP / HFP / AOB / AVRCP
	GPS	GPS / AGPS
Data capture	Barcode scanning	Laser / 2D imager
	RFID read / write	13.56 MHz frequency Support Tags: ISO14443A (Mifare), ISO14443B, ISO15693
	Camera	5 megapixels CMOS with LED flash and autofocus
Physical characteristics	Display	3.5" 240(H) X 320 (V) pixels QVGA Transflective TFT Color LCD with LED Backlight, 65K color
	Keypad	Numeric or Qwerty type with LED backlight
	Size (LxWxH)	182 x 77.5 x 37 mm / 7.2 x 3.1 x 1.5 in.
	Weight (laser including battery)	385 g / 13.6 oz.
User environment	Operating temperature	-10°C to 55°C / 14°F to 131°F
	Storage temperature	-40°C to 70°C (w/o battery) / -40°F to 158°F
	Humidity (non-condensed)	Storage 5% to 95% / Operating 10% to 90%
	Impact resistance	Multiple 1.5 m / 5 ft. drop onto concrete, 5 drops on each side / 1000 tumbles at 50 cm / IP65
	Electrostatic discharge	± 15kV air discharge / ± 8kV contact discharge
	EMC regulation	BSMI, CCC, CE, NCC, SRRC, MII
Development support	Cipherlab C++/.NET, SDK to support Microsoft® Visual studio 2005, Microsoft® Visual Studio 2008	
Application software	Backup Utility, Button Assignment, GPS Viewer, Reader Configuration, MIRROR Browser, Signature Capture, App-Lock, SOTI MobiControl, Kalipso Mobile Application Generator, Naurtech CTerm, Wavelink Emulators and Avalanche	
Cradles	Charging and communication cradle	
Accessories	Pistol grip, USB / RS232 charging and communication cable, vehicle mount, vehicle charger, protective cover, hand strap, belt holster with shoulder strap	
Warranty	1 year	

1. Minimum 10 hours under WLAN and laser scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 25°C, RFID off / *Bluetooth*® off / IEEE 802.11b/g on. The test is based on one broadcasting packet per second.

2. The mobile computer has received general telecommunication certification. Please check with your local carrier for the optimum operating efficiency.

ACCESSORIES



Charging and communication cradle



Pistol grip



Protective cover



Belt holster with shoulder strap



Vehicle mount



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