

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	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	Bluetooth® Class II, V2.1 + EDR
	Bluetooth® 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.

ACCESSORIES



Charging and communication cradle



Pistol grip



Protective cover



Belt holster with shoulder strap



Vehicle mount



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