Rugged Industrial PDA 3.5"



Product Features:

- 3.5" LED resistive touch panel with stylus
- Toughness in harsh condition(IP54 design)
- Build-In 21-Key-Mobile alphanumeric keypad with LED backlight
- Multi-functional design for Barcode Reader 1D / 2D(Optional) and RFID(Optional)
- · Build-In WiFi / Bluetooth / GPS Optional 3G / for Wireless communication
- · Ultra-Light with Hand strap to firmly grasp the device with hand (Optional)
- 5Mega-pixel camera with LED for Image Capture(Alternative of RFID)
- · Support OS Windows Mobile 6.5



Product Specifications:

	CPU	TI Cortex A8 1.0GHz		
System Specification	Memory	SDRAM: 256MB		
		Nand Flash ROM(SLC): 512MB		
	OS	Windows Mobile 6.5		
	Size	3.5" Color Transflective TFT with backlight		
Display Specification	Resolution	240x320		
	Brightness	440 nits(Typ.)		
	Touch	4W Resistive Touch Screen with stylus		
	WiFi	WiFi IEEE 802.11 b / g / n (Maximum : 72.2 Mbps)		
M.C I	BlueTooth	Bluetooth version 2.1 +EDR,CLASS2		
Wireless Communication	3G (Optional)	Supports WCDMA, HSDPA, HSUPA, GPRS850/900/1800/1900, EDGE850/900/1800/1900		
Communication	GPS	Accuracy Position <2.5 m (Autonomous) <2.0 m (SBAS)		
		Keypad (21-key-Mobile alphanumeric keypad with backlight)		
	KeyPad	Full Alphanumeric Software Keyboard		
Input Device	RFID (Optional)	RFID (HF 13.56MHz ISO15693, ISO14443A, ISO18092, NFC-P2P)		
	Barcode Reader(Optional)	Bar Code Scanner 1D / 2D		
	Camera (Optional)	5M Camera (Alternative of RFID)		
Le Preste i	Types	Vibrator		
Indicator		LED (RGB)		
		MIC		
Audio(Build-In)	Items	Earphone		
		Speaker		
	Micro SD Card	Micro SD Card Slot Compatible with SDHC (model dependent)		
Expansion Slot	Micro USB	USB port Version 1.1 (OTG Host/Client) [Micro USB B type]		
	SIM Card (Optional)	SIM card ISO7816 IC Card Standard, 3.0V/1.8V cards supported		
	Main Battery	2600mAh 3.7V Hard Pack		
	Operation Hours	7hr *		
Power Source	Storage Hours	Up to 450 hours, depending on configuration and application		
	Shelf Hours	Up to 6 months		
	Charging Time	To 80% capacity: < 2 hours		
	Weight	280g with Battery		
	Dimensions	153 x 78 x 29 (26) mm		
	Operation Temperature	-20 deg.C to 60 deg.C(AC Mode), -10 deg.C to 50 deg.C(Battery Mode)		
	Storage Temperature	-20 C~ 60 C		
Mechanical and	Charging temperature	10 C~ 45 C		
Environmental	Humidity	10% ~ 95%(non-condensing)		
	Drop test	1.2-Meter / 4 Feet Drop Threshold		
	Tumble Test	150 1.65 ft./0.5 m tumbles (equivalent to 300 consecutive drops) at room temperature; meets and exceeds applicable IEC tumble specifications		
	Vibration test	MIL-STD 810G Method 514.5, figure 514.5C-1; 1 hour per axis		
	Dust/Water-splash proof	IP54 level (compliant with IEC60529 standard)		

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*Note: Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.

Product Specifications:

Accessories	Items	Desktop Cradle Charger	
		Vehicle Cradle Charger	
		Vehicle Mount	
		Vehicle Quick Charging Cable	
		Solf Case Holster	
		Hand Strap	
Regulatory	Regulatory	CE, FCC, CCC, RoHS compliant	
Order information	Standard	WiFi + BT + GPS + 5M Camera	
	Options	1D/2D Barcode Scanner, 3G, RFID, (HF support NFC-P2P)	

Dimensions:



Optional specification:

Wireless Communication





Multi-functional design

◆ HF RFID reader Specification

Deference Standarde:	ISO 15693/14443A	
Reference Standards:	ISO 18092 / NFC(P2P)	
Operating Frequency:	13.56MHz	
Scan Field	5CM	

Supported 1D symbology

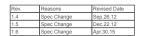
Resolution	Symbology	Size	No. of Digits			
Code 39						
0.127mm (5mil)	Code 39	11 x 10	4			
0.254 mm (10mil)		40 x 10	9			
0.508 mm (20mil)		36 x 25	4			
Code 128						
0.20 mm (7.9mil)	Code 128	42 x 10	16			
UPC						
0.330mm (13mil)	12-digit UPC	31.5 x 25.0	12			



Business Hours: Monday - Friday 8.30am - 6.15pm

Supported 2D symbology

Resolution	Error Correction	Size	No. of Digits				
PDF417							
0.254mm (6.7mil)	Level 4	26 x 16.5	53				
0.127 mm(5mil)		13 x 8	53				
QR Code:Model-2							
0.381mm (15mil)	М	12 x 12	44				
0.169mm (6.7mil)		5 x 5	44				
Data Matrix							
0.254 mm (10mil)	ECC2000	10 x10	40				
0.169 mm (6.7mil)		4 x 4	40				



Rugged Mobile Solution