Rugged Industrial PDA 3.5"

C350T

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:

System Specification	CPU	TI Cortex A8 1.0GHz
	Memory	SDRAM: 256MB
		Nand Flash ROM(SLC): 512MB
	OS	Windows Mobile 6.5
Display Specification	Size	3.5" Color Transflective TFT with backlight
	Resolution	240x320
	Brightness	440 nits(Typ.)
	Touch	4W Resistive Touch Screen with stylus
Wireless Communication	WiFi	WiFi IEEE 802.11 b / g / n (Maximum : 72.2 Mbps)
	BlueTooth	Bluetooth version 2.1 +EDR,CLASS2
	3G (Optional)	Supports WCDMA, HSDPA, HSUPA, GPRS850/900/1800/1900, EDGE850/900/1800/1900
	GPS	Accuracy Position <2.5 m (Autonomous) <2.0 m (SBAS)
Input Device	KeyPad	Keypad (21-key-Mobile alphanumeric keypad with backlight) Full Alphanumeric Software Keyboard
	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)
Indicator	Types	Vibrator
		LED (RGB)
Audio(Build-In)	Items	MIC
		Earphone
		Speaker
Expansion Slot	Micro SD Card	Micro SD Card Slot Compatible with SDHC (model dependent)
	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
Power Source	Main Battery	2600mAh 3.7V Hard Pack
	Operation Hours	7hr *
	Storage Hours	Up to 450 hours, depending on configuration and application
	Shelf Hours	Up to 6 months
	Charging Time	To 80% capacity: < 2 hours
Mechanical and Environmental	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
	Charging temperature	10 C~ 45 C
	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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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)

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

Dimensions :

Optional specification:

◆ Wireless Communication   ◆ Multi-functional design   ◆ HF RFID reader Specification

HF RFID reader Specification

Reference Standards:	ISO 15693/14443A
	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

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)	M	12 x 12	44
0.169mm (6.7mil)		5 x 5	44
Data Matrix			
0.254mm (10mil)	ECC2000	10 x10	40
0.169 mm (6.7mil)		4 x 4	40

Rev.	Reasons	Revised Date
1.4	Spec Change	Sep.26.12
1.5	Spec Change	Dec.22.12
1.6	Spec Change	Apr.30.15

Rugged Mobile Solution