

Rugged Handheld Device 3.7"

S370T

Product Features:

- Supported Windows CE® 6.0 OS
- High brightness 480 x 640 LED display
- High transmission Resistive touch
- 3 megapixel digital camera with LED auxiliary backlight
- Embedded with Micro SD card slot
- Designed for IP67 Dust & Water Protection
- Compliant with MIL-STD 810F Standard
- Optional 1D / 2D Barcode reader
- Optional LF/HF RFID reader
- Optional 3G Module

*Standard**Barcode Reader**UHF-RFID Reader*

Product Specifications:

System Specification	Processor	TI Cortex A8 OMAP 3530 720MHz with DSP
	System Memory	256MB Mobile DDR RAM
	Storage	512MB Flash Memory
	Operating System	Windows CE 6.0
Display Specification	Size	3.7"
	Resolution	480 x 640
	Brightness	400 (typ.)
	Touch	Resistive
Wireless Communication	WLAN	Support 802.11 2.4GHz b/g/n mode
	Bluetooth	2.1+EDR (No audio profile)
	WWAN	Optional 3G Module (support HSPA/ UMTS / GPRS / WCDMA / GSM)
	GPS	Built-in SiRF GPS module
Mechanical and Environment	Dimensions (W x L x H)	179 x 99 x 38 mm (Standard)
	Weight	450g (Standard)
	Operation Temperature	-20°C to 60°C / -4°F to 140°F
	Operation Humidity	95% RH, non-condensing
	IP Proof	IP67
	Shock	MIL-STD-810F Method 516.5
	Vibration	MIL-STD-810F Method 514.5
	Drop	MIL-STD-810F Method 516.5, 4 ft, Free to concrete
I/O Connectors	Certifications	CE, FCC
	External I/O	1 x Serial Port (RS-232)
		1 x Mini USB OTG (Mini-A 5pin Female Type)
	Intenal Audio Device	1 x 2.5Ø 5V 3A DC Power Input
		1 x Microphone (under Keypad)
Power Management	Expansion Slots	1 x 1.2W Speaker (under Keypad)
	Optional I/O (Either one)	SDIO / SDHC card slot (up to 16GB SDHC memory card) x 1
		1 x Barcode Reader: 1D/2D Scan Module Support QR Code / Data Matrix /PDF417 / Maxicode / Aztec
		1 x HF RFID Reader:Support ANSI/ISO14443A Card Type(13.56 MHz Frequency)
		1 x LF RFID Reader:Support EM compatible 64 bits,ASK Manchester coding(125 KHz Frequency)
Field Service Features	Power input	5V DC in
	Power consumption	3.4W (Low Use Case)
	Battery	3.7V 5000mAh Li-Poly rechargeable battery
	Battery Operating Time	Low Use Case: 5.3Hr (Backlight at 10% duty cycle,default level,idle)
	Adapter	15W Adapter
	Camera	3.0M pixel Camera with LED auxiliary light(Rear Side , with Auto Focus)

Order Information:

Model Name	Config
VM-S370	Default, no options added
VM-S370-RF	With RFID Reader (HF)
VM-S370-BR	With Barcode Reader
VM-S370-3G	With 3G
VM-S370-3R	With 3G + RFID Reader
VM-S370-3B	With 3G + Barcode Reader

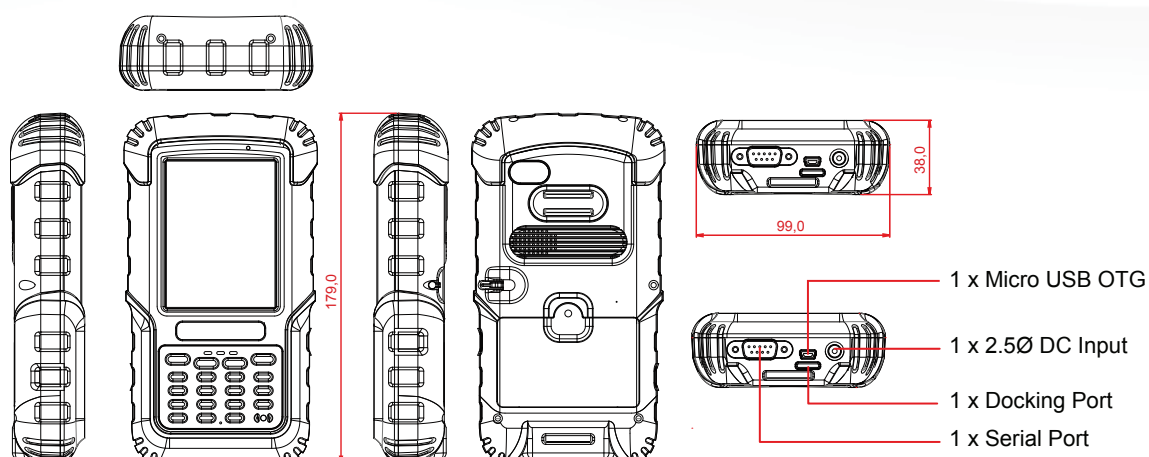
Accessories:

Default	Quick Start Guide (Paper)
	User Manual & BSP CD
	Hand Strap
	15W Adapter
Optional Items	Touch Pen
	2GB Micro SD Card(Optional)
	5000mAh Extra Battery(Optional)

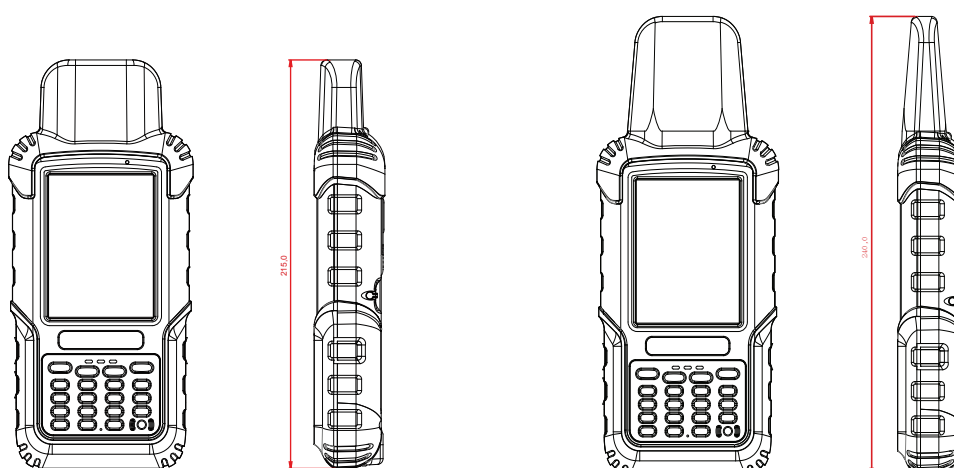
Rugged Handheld Device 3.7"

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Dimensions :



Standard



Barcode Reader

UHF-RFID Reader

◆ 1D/2D Barcode Reader Specification

Barcode Reader : 2D Scan Module

2D Support : QR Code, Data Matrix, PDF417, Maxicode, Aztec

1D Support : Code 39, Code 128, Codabar, EAN-13, EAN-8, UPC-E, UPC-A, Interleaved 2 of 5, Code 93, ISBN/ISSN, China post 25.

Barcodes	Density (mil)	Near (mm)	Far (mm)
Code 39	5	55	115
Code 39	10	30	215
PDF417	5	50	105
PDF417	10	30	215
QR Code	10	25	135
QR Code	15	25	210
Datamatrix	10	25	150
Datamatrix	15	20	220

◆ HF RFID reader Specification

HFRFID Reader : Support ANSI/ISO14443A Card Type(13.56 MHz Frequency)

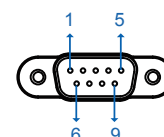
Reference Standards:	ANSI/ISO Standards 14443A
Operating Frequency:	13.56MHz
Scan Field	5CM

◆ LF RFID reader Specification

LFRFID Reader : Support 125KHz RFID Card EM compatible 64 bits, ASK Manchester coding.

◆ Com Port

Pin2	RX
Pin3	TX
Pin7	RTS
Pin8	CTS



Rev.	Reasons	Revised Date
1.0	First release	Oct.28.11
1.1	Spec change	Nov.22.11
1.2		