Rugged Handheld Device 4.3"

S430T

Model Name : S430T-T1

Product Features:

- OS Supported Android 2.3
- High brightness 480 x 800 LED display
- Projected Capacitive Resistive Touch
- 5 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



Product Specifications:

System Specification	Processor	TI Cortex A8 DM3730 (With DSP)
	System Memory	512MB Mobile DDR RAM
	Storage	512MB Flash Memory
	Opearting System	Android 2.3
Display Specification	Size	4.3"
	Resolution	480 x 640
	Brightness	270 (typ.)
	Touch	Projected Capacitive Resistive Touch
Wireless Communication	WLAN	Support 802.11 2.4GHz b/g/n mode
	Bluetooth	2.1+EDR (No audio profi le)
	WWAN	Optional 3G Module (support HSPA/ UMTS / GPRS / WCDMA / GSM)
	GPS	Built-in U-blox 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
	Certitications	CE, FCC
I/O Connectors	External I/O	1 x Serial Port (RS-232) 1 x Mini USB OTG (Mini-A 5pin Female Type) 1 x 2.5Ø 5V 3A DC Power Input
	Intenal Audio Device	1 x Microphone (under Keypad) 1 x 1.2W Speaker (under Keypad)
	Expansion Slots	SDIO / SDHC card slot (up to 16GB SDHC memory card) x 1
	Optional I/O (Either one)	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)
Power Management	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
Field Service Features	Camera	5.0M pixel Camera with LED auxiliary light(Rear Side , with Auto Focus)

Order Information:

Model Name	Config
S430T	Default, no options added
S430T-RF	With RFID Reader (HF or LF)
S430T-BR	With Barcode Reader
S430T-3G	With 3G
S430T-3R	With 3G + RFID Reader
S430T-3B	With 3G + Barcode Reader

Accessories:

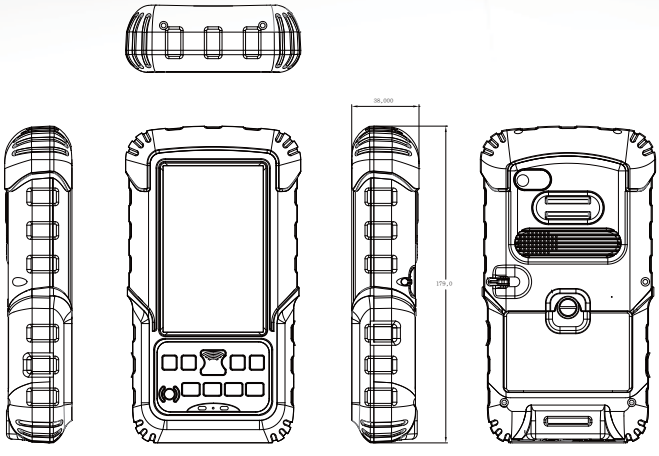
Default	Quick Start Guide (Paper)
	User Manual & BSP CD
	Hand Strap
	15W Adapter
	Touch Pen
Optional Items	2GB Micro SD Card(Optional)
	5000mAh Extra Battery(Optional

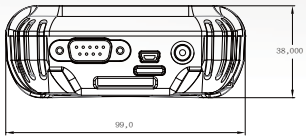
Rugged Handheld Device 4.3"

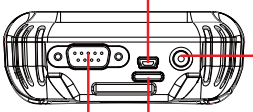
S430T

Model Name : S430T-T1

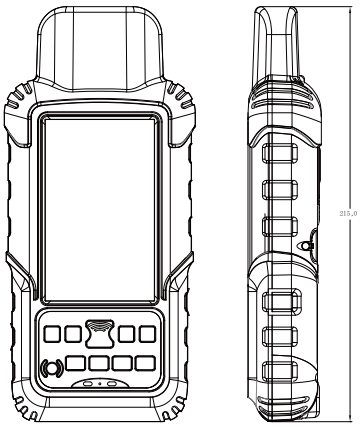
Dimensions :



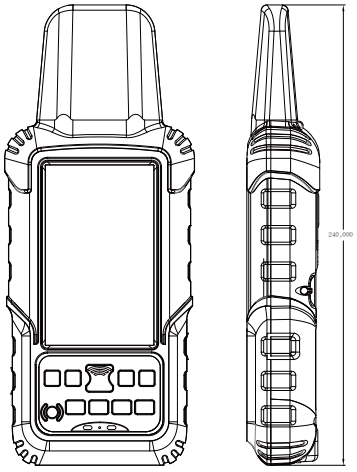




Standard



Barcode Reader



UHF-RFID Reader

Optional specification:

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)

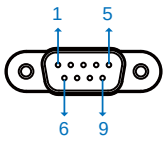
Reference Standards:	ANSI/ISO Standards 14443A
Operating Frequency:	13.56MHz
Scan Field	5CM

LF RFID reader Specification

LFRFID Reader : Support 125KHz RFID Card EM compatible64 bits, ASK Manchester coding.

Com Port

Pin2	RX
Pin3	TX
Pin7	RTS
Pin8	CTS



Rev.	Reasons	Revised Date
1.0	First release	Dec.05.11
1.1	Drawing change	Jan.02.12
1.2		