


Technical data sheet		Product Name	SantCare-watch	
Colors	Pink, Blue Orange, Green	Model No.	ST-01	
Specifications				Note
C P U	Model	MT6260D	by MediaTek	
	Cores	Single		
	Frequency	Main Frequency: 360 MHz		
	Architecture	ARM7EJ-S™		
Main Features	LCD Size	0.66 inches OLED	Resolution: 64*48	
	Storage	RAM	32M Bits	
		ROM	32M Bits	
	Body dimensions	57*30*14	Unit: mm	Not including the wristband
	Dimension of PCBA	Main: 25.6*17.5*1.0	Aux: 25.6*17.5*1.0	Unit: mm, 8 layers
O.S.	Nucleus		Provided by MTK	
Detailed Description	Ports and interfaces	GSM Antenna	PIFA Antenna, LDS Technology	
		GPS, BT Antenna	Yes	
		Keys	Power On/Off + 3 Side Keys	
		Earphone Jack	No	
		SIM Socket	Micro SIM Socket * 1	
	LCD Module	Screen Size	0.66 inches OLED	
		Resolution	64*48	
		I/O	BPI 8 bits	
	Touch Panel	Linking Method	BTB; Board to Board	
		Activity	No	
	Battery	Driver IC	No	
		Voltage/Capacity: 3.7V,400mAh, Lithium Polymer		1. Non-removable 2. Non-explosive
	Charger	Stand By Time:	160 Hours with AGPS 24 Hours with GPS	
		3 in 1(Earphone/charge/USB)	Traditional Nokia Jack 5 PIN Micro USB	
	Speaker	AAC0916	Single speaker	
	Aux Board	GSM communication	2G Antenna	Quad-Band 850/900/1800/1900
		Data Transmission	GPRS, EDGE	Depends on the network
	Storage	RAM	32M Bits	
		ROM	32M Bits	
		Expansion Socket	No	
	Transmission	Bluetooth	4.0 BLE	
	Sensors	Light	Wear-off detector	
		Gravity	Yes	
Indicator	Signal (GSM/data/GPS)	Yes		
Interface	Micro USB	Yes		
Quality Requirements	1. Waterproof grade: IP65 2. Hypoallergenic silicon gel.			
Others	1. Please check the feature list below for details about Software features. 2. This product interacts with a smart phones and servers, as described in feature list.			
Accessories	USB cable	1 piece		
	Travel Charger	1 piece	110 V. AC / 60 Hz or 220 V. AC / 50 Hz. Depending on geography	
	User Manual	1 piece	Multi-lingual	



Description

- * The ST-01 is a security phone-watch for kids.

Features

- * GSM calls to/from pre-stored numbers.
- * GPS/AGPS tracking.
- * SOS Alarm.
- * Long distance Walkie-Talkie.
- * Bluetooth child companion.
- * Wear-off sensor.
- * Collision detector.
- * Pedometer.
- * Sever synchronized time.
- * Waterproof Grade: IP65.
- * Non-toxic hypoallergenic silica gel.

Software supported features (smart phone required)

- * Calls
 - Dial out to up to three family numbers by a long press on the key assigned to the desired number.
 - Receive calls from 8 telephone numbers according the number priority configured in the smart phone.
 - Kid monitor: 2-way voice call from/to smartphone.
- * Long distance Walkie-talkie
 - Bi-directional real-time voice messages can be exchanged between ST-01 and smart phone, emulating a walkie-talkie. These messages only consumes data volume. Thus no voice charges.
- * SOS
 - In case of emergency, by pressing the SOS key, the ST-01 will first send an alarm SMS to the three pre-stored family numbers, and then automatically will poll the three family numbers from number 1 to number 3 one by one until the call is attended.
- * Tracking & Locating
 - The tracking location system is formed by ST-01, satellite (GPS), server and the smart phone.
 - The ST-01 gets location data from the satellite and triangulates its own position, then proceeds to send it to the server, which stores the data and send the position per request to the authorized smart phone.
 - GSM locating through SMS sending is supported.
 - Configurable auto-location update period.
 - Accurate, balanced and power saving modes.
- * Geo-fencing
 - Configurable safety area delimitation via smart phone.
 - Alarm notification emitted in case the ST-01 goes outside the safety area.
- * Status monitor
 - If the collision detector is enabled, an alarm will be received by the smart phone in case the ST-01 detects a shock.
 - If the wear-off detector is enabled, an alarm will be received by the smart phone in case the ST-01 has been removed from wrist for more than 3 secs.
 - Separation sensor via Bluetooth. An alarm is emitted in case of more than 15 meters separation between ST-01 and the smart phone.
 - Low battery alarm.
- * Exercise monitor
 - Pedometer function (step counter).

Note:

Up to 8 different ST-01 devices are supported by the app.