



ST-70A RFID Tablet

Main features:

- Android 12 operating system; quad core 1.8GHz CPU; 4G RAM, 64G ROM
- IP67 three protection grade, drop resistance from 1.2m
- 7 inch LCD screen, 1920X1200 IPS capacitive touch screen
- Multi-function information acquisition configuration (1D/2D bar code scanning, LF/HF/UHF RFID reader, fingerprint identification)
- Support 4G, WIFI, Bluetooth and many wireless communication modes
- More than 600 hours of continuous standby
- Support differential data or common GPS
- Support jacket extension: satisfy custom applications from customers

SparTag

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General Specifications

Operating System	Android 12OS
CPU	Qualcomm Snapdragon 625 SDM450Quad core CPU, 1.8GHz
RAM	RAM: 4G FLASH: 16G or 32G
Extended Storage	Micro SD, Maximum 128G
USB port	5 pin MicroUSB; support OTG (U-disk/Mouse/Keyboard/USB Ethernet cable)
Mini Sim Card slot	Support
OTG	Support, through OTG can meet 100M network port, network card setup, PPPoE dial-up, web browsing. Support OTG extend RS232 serial port
External port	Charge port 2.5mm, headphone port 3.5mm
Protection Grade	
Industrial Protection Grade	IP67 waterproof class:7 Dust proof:6
Drop Grade	Drop resistance from 1.2m
Environment test	Drop proof MIL-STE-810G
Certificate	CE/RoHS/FCC

Wireless Communication

Bluetooth	Support 4.0
GPS	Support GPS, DBS, GLONASS and professional GPS,Ublox; GPS and Beidou (alternative)
WIFI	Support IEEE 802.11a/b/g/n/ac
Band Version 1(North America version)	LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B25/B26 LTE-TDD:B41 WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900M
Band Version 2(China and Europe verison)	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8 TD-SCDMA:B34/B39 CDMA:BC0 GSM:900/1800M

Data Acquisition (Optional)

Fingerprint identification(Authentic)	Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc. Type: TCSIST Sensor type: capacitive Acquisition window size: 24.5*19mm Effective image size:15.5*18.5mm Image size: 256*360 Resolution: 500 DPI contrast mode(1:1); search mode(1:N) FIPS 201 compliant capability (TCS1)
Far infrared meter reading	Working frequency 37.9K

Barcode Scanning

1D Infrared Scanner Index:

Scanning speed: 50 times/second

Scanning distance: 5.7cm-61.0cm

Scanning angle: 53.3° ±3°

1D Laser Scanner Index:

Scanning speed: 104 times/second+12 times/second (two way scanning)

Scanning distance: 2.5cm-114.3cm

Scanning angle: 47±3°(default) /35±3°(reduced code)

2D Barcode Scanner Index:

Identification ability: 1D, 2D, OCR

Scanning angle: rotate 360°, incline±50°, deflection ±50°

Field of View: Horizontal 36°, vertical 23° Depth

of field: 4cm-23.5cm

Environmental luminance: 0~100,000 LUX

RFID

LF RFID:

134KHZ LF RFID or 124KHZ LF RFID

NFC (HF) RFID:

Working frequency: 13.56MHZ

Profile: Support ISO/IEC 15693, ISO/IEC 14443A profile

Support Cards: SR176, SRIX4K (TYPE-B), I- Code2, TI RFID label-it HF-I,

EM4034, Mifare Classic ETC

Identification distance: not more than 5cm

UHF RFID:

Working frequency: 840-960MHZ(customization of required frequency band)

Support agreement: EPC C1 GEN2/ISO 18000-6C

Output power: 10dBm-30dBm

Identification distance: not more than 6m

ImpinjR2000 chipset

Physical Parameters

Display Screen	7 inch LCD screen, 1920x1200 IPS screen, capacitive touch screen
Keyboard	Android menu, Homepage, Return, Volume, Barcode, ON/OFF, Reset
Camera	2 million pixels front camera, 8 million pixels rear camera with automatic focus and lighting function
Headset	3.5mm audio Interface, has mike and telephone receiver
LED indicator light	Support (ordinary flicker, Call fast flicker, missed calls) three status bar
Flashlight Function	Support, can be used for emergency lighting
Googleplay store	Support
Gravity sensor	Support
Compass	Support
Vibrating motor	Support
FM	Support
Rechargeable Lithium Battery	3.7V, 7000mAh
Standby	Standby current less than 10mA

Dimension	209mm*139mm*19mm
Weight	590g
Environmental Characteristics	
Working Temperature	-20°C ~ +50°C
Storage Temperature	-40°C ~ +60°C
Humidity	5%-95% relative humidity; no condensation
Certificate	CE/RoHS/FCC
Environment test	Drop proff MIL-STE-810G

Standard accessory:



Charger



USB cable



Handbelt

Optional accessory:



Earphone



OTG device
USB-LAN RJ45



Vehicle Charger



Straps and Touch pen



Bag



Holder on the wall