Seuic

CRUISE 1 INDUSTRY SMART PHONE

PRODUCT SPECIFICATION

JIANGSU SEUIC TECHNOLOGY CO., LTD

1. CRUISE PERFORMANCE CHARACTERISTICS

CPU	Cortex™-A53 Octa-core 1.8GHz
Operating System	Android 9.0
Memory	4GB+64GB (4GB+32GB compatible)
SIM Card Interface	Micro SIM ×2(Dual-Card Dual-Standby,The main card supports LTE)
Expansion Slot	Micro SD Card, 128GB SDHC compatible
Interface/Communication	Waterproof Type C USB interface; support USB2.0 high speed ; Support OTG
Keypad	volume +, volume -, Power button, Scan button×2, Home button
Display	5.2 inch size IPS screen, Capacitive touchable
	1920×1080(FHD)
Power Supply	Half-Removable 3.8V 4500mAh li-ion rechargeable battery
	Bottom interface: Type C USB charging interface, support QC3.0 quick charging, intelligent identification of PC and special charger
	Back Pogo Pin interface: support for quick charging and USB data communication, VBAT power supply, Scan trigger interface
Notification	Sound, vibration, LED indicator light
Audio	Built-in single speaker /1W, built-in double microphone(Dual mic noise reduction), the 3.5 mm stereo headset interface
Sensor	Acceleration sensor, gyroscope, electronic compass, Barometer, Light-distance sensor
Dimension	152(H)×75.9(W)×12.8(T)
Weight(including standard battery)	227g(The total weight varies with different battery configuration)
Operating Temp	-20℃ to +50℃
Storage Temp	-40℃ to +50℃ (Battery included)
	-40℃ to +70℃ (Battery excluded)
Humidity	5% to 95% RH non-condensing
Sealing Grade	IP67
Drop Specification	Multiple 5 ft./1.5m drops to Mable across the operating temperature range
Tumble Specification	1,000 1.64 ft./0.5 m tumbles (equivalent to 2,000 drops)
ESD	±15kV Air discharge, ±8kV direct discharge

2. CRUISE DATA CAPTURE OPTIONS

Function 1	**2D Image Scan Engine (Option 1)**
Image Resolution	844(H)×640(V)
Rotate	360°
Pitch Angle	±45°
Skew Tolerance	±65°
Laser Safety Grade	Class II
Image Frame	60fps

Code Support	Aztec Code, Matrix 2 of 5, Codabar, MaxiCode, Codablock F, MicroPDF417, Code 11, MSI, Code 128, PDF417, Code 2 of 5, Plessey Code, Code 39, PosiCode, Code 93, QR Code, Data Matrix, RSS Expanded, EAN/JAN-13, RSS Limited, EAN/JAN 8, RSS-14, EAN-UCC Composite Codes, TCIF Linked Code 39, EAN-UCC Emulation, Telepen, IATA Code 2 of 5, Trioptic Code, Interleaved 2 of 5, UPC-A, UPC E Postal Codes (Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet),
Light source system	White light, laser aiming
Minimum printing contrast	20%
Function 2	**2D Image Scan Engine (Option 2)**
Image Resolution	1600(H)× 1200(V)
Rotate	360°
Pitch Angle	±60°
Skew Tolerance	±55°
Scan Depth	62-138mm(5mil Code39); 100-550mm(20mil Code128)
Image Frame	15fps
Code Support	1D: UPC/EAN, UPC/EAN with supplementals, Code128, GS1-128, Code 39, Trioptic, Code 32, Code 93, Code11, Matrix 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Industrial 2 of 5, Codabar, MSI, Code11 2D: PDF417, MicroPDF417, Composite Code, Data Matrix, Maxicode, QR Code, MicroQR, Aztec
Light source system	White light, Red aiming
Minimum printing contrast	40%
Function 3	**Camera**
	Front Camera
Photo Function	Fixed focus
Pixel	5.0 mega pixel
	Rear Camera
Photo Function	Auto Focus)
Pixel	13 mega pixel
Flashlight	Support double flashlights
Function 4	**RFID Read/Write (HF)**
Standards Support	Support ISO15693,ISO14443A/B(without encryption protocol), ISO14443A tag with encryption protocol (Mifare one S50,S70 and compatible with cards); Support NFC protocol

Operating Frequency	HF frequency 13.56MHz
Reading Distance	0 to 6cm (ISO15693), 0 to 4cm (ISO14443A), 0 to 1cm (ISO14443B) The reading distance varies by the tag type within the range.
Function 5	**Security module**
Type	Micro PSAM Card (The device doesn't support dual cards-dual standby with the PSAM function on)
Function 6	**GPS Location information collection**
Positioning system	GPS, Beidou, GLONASS(Three in one)
Frequency	GPS: L1(1.575GHz); Beidou: B1(1.561GHz); GLONASS: L1(1.602GHZ)
Accuracy	5-10meter(OPEN SKY)

3. CRUISE WIRELESS DATA COMMUNICATION

Function 1	**WLAN WIFI**
Protocol	IEEE 802.11a/b/g/n/ac(2.4G/5G dual-frequency WIFI)
Frequency Range	Depending on the country (region),2.4GHz is 2.4GHz-2.496GHz; 5GHz is 5.15GHz-5.85GHz
Function 2	**WWAN All Network(7 mode 18 frequency)**
Frequency Band	GSM: Qual Band (850/900/1800/1900Mhz) TD-SCDMA: Band34, Band39 WCDMA: Band1, Band2, Band5, Band8 CDMA 1x /EVDO: BC0 TDD-LTE: Band38, Band39, Band40, Band41 FDD-LTE: Band1, Band3, Band7
Function 3	**WPAN Bluetooth**
Standard	Bluetooth 4.2(Support BLE)
Power	Class II

4. CRUISE THIRD PARTY APPLICATION DEVELOPMENT SUPPORT

System Software	Android 7.1
System programming environment	Eclipse, Android Studio

5. CRUISE EXTERNAL EQUIPMENT AND ACCESSORIES

Standard Accessories	Universal adapter×1, Type C USB cable×1, Hand Tether×1,
Optional Accessories	Single-Slot Charging Dock, Single-Slot Charging Dock(Support Ethernet), 5-Slot Charging Dock, Protective cover, Screen protector