



NEW AUTOID[®] PAD SERIES TABLET

PRODUCT SPECIFICATION V1.8



JIANGSU SEUIC TECHNOLOGY CO., LTD

1. NEW AUTOID[®] PAD PERFORMANCE CHARACTERISTICS

CPU	Cortex™-A53 Quad core 1.2GHz
Operating System	Android 5.1
RAM	2GB
ROM	16GB
Expansion Slot	Micro SD Card, 32GB SDHC compatible
Interface/Communication	Industrial Micro USB interface, support (USB2.0 High Speed, support OTG)
	Micro SIM Card, TF Card
Keypad	6 main keys
	3 side keys
Display	7" full-view LCD, capacitive, touch-with or without a thick glove/ with dry or wet hand, touch pen
	1280(H)×800(W) WXGA
Power Supply	Non-removable 6200mAH rechargeable Li-ion battery
	Side interface: standard Micro USB charging interface, intelligent identification of PC and special charger
	Contact at the bottom of the tail plug interface: support for charging
Battery Performance	Continue to work: more than 12 hours (normally display on and scan once every 6 seconds and WLAN transmission)
	RTC time: more than 168 hours
	Dormancy standby: more than 1 months (GPRS) online, offline (GPRS) is greater than 1.5 month
Notification	Sound, vibration, LED indicator light
Audio	Built-in double speakers, built-in microphone, the 3.5 mm stereo headset interface
Sensor (optional)	Acceleration sensor, light sensor, electronic compass and gyroscope
Dimension	123(H)×199(W)×15(T) mm (21mm at barcode engine)
Weight (including standard battery)	485g (Including battery depends on different configurations)
Operating Temp	-20°C to +50°C
Storage Temp	-40°C to +60°C
Humidity	5% to 95% RH non-condensing
Sealing Grade	IP65 (Credit card function does not support)
Drop Specification	1.2m (concrete)
ESD	±15kV Air discharge, ±8kV direct discharge

2. NEW AUTOID[®] PAD DATA CAPTURE OPTIONS

Function 1	2D Image Scan Engine
Sensor resolution	844(H)×640(V)
Rotate	360°
Pitch Angle	±45°
Skew Tolerance	±65°
Scan Depth	7cm (5mil), 36cm (20mil)
Code Support	Aztec Code, Codabar, Codablock F, Code 11, Code 128, Code 2 of 5, Code 39, Code 93, Data Matrix, EAN/JAN-13, EAN/JAN 8, EAN-UCC Composite Codes, EAN-UCC Emulation, Interleaved 2 of 5, Matrix 2 of 5, MaxiCode, MicroPDF417, MSI,PDF417 Postal Codes (Australian Post, China Post, Japanese Post, Planet Code,Postnet), QR Code, RSS Expanded, RSS Limited, RSS-14, TCIF Linked Code 39, Telepen, UPC-A, UPC-E etc.
Light source system	White light, laser aiming
Minimum printing contrast	20%
Function 2	GPS Location information collection
Location	GPS+GLONASS+ Beidou Navigation, support AGPS
Working Mode	GPS main location, Beidou Navigation and GLONASS assistant location
Frequency	GPS: L1 (1.575GHz); Beidou Navigation: B1 (1.561GHz); GLONASS: L1 (1.602GHZ)
Accuracy	5-10meter (OPEN SKY)
Function 3	Front Camera
Maximum Resolution	1616V x 1232H pixel
Camera	Fixed focus
Pixel	2.0 megapixel
Function 4	Rear Camera
Maximum Image Resolution	3264 x 2448 (taking pictures), 720p 30fps (Camera)
Pixel	8.0 mega-pixel
Camera	Auto-focus
Flash	Support double flashlights

Function 5	RFID Read/write (HF)
Standards Support	Support ISO15693, ISO14443A/B (no encryption protocol), ISO14443A tag with encryption protocol (Mifare one S50,S70 and compatible with CARDS); Support NFC protocol Support for the two generation ID card reading
Operating Frequency	HF frequency band 13.56MHz
Reading Distance	Reading distance 0~5cm (ISO15693), 0-3.5cm (ISO14443A/B) (Associated with label)
Function 6	Magnetic card, IC card
Magnetic Card	Meet ISO7811 standard Card feeding speed 10~120cm/s The magnetic coercivity range: 300~4000 Oe Magnetic density: First rail 210BPI, Second rail 75BPI, Third rail 210BPI Available configuration: 1: First rail or Second rail or Third rail 2: First rail and Second rail 3: Second rail and Third rail 4: First rail and Second rail and Third rail
IC Card	Meet ISO7816 standard Support membership card, prepaid cards and other common IC card, 4442 card support

3. NEW AUTOID[®] PAD WIRELESS DATA COMMUNICATION

Function 1	WLAN WIFI
Protocol	IEEE 802.11a/b/g/n (2.4G/5G dual-frequency WIFI)
Frequency Range	Depending on the country (region), 2.4GHz is 2.412GHz-2.472 GHz; 5GHz is 5.170GHz-5.825GHz
Working Channel	CH1~CH13, CH34~CH140, CH149~CH165
Security	OPEN, WEP, WPA2-PSK (TKIP+AES), TLS, TTLS (MS-CHAP), TTLS (MS-CHAP v2), TTLS (CHAP), TTLSMD5, TTLS-PAP, PEAP-TLS, PEAP (MS-CHAP v2), AES etc.
Transmission Distance	2.4G: more than 150 meters, 5 G : more than 100 meters (industrial-grade AP, empty region)
Data Rate	802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5, 65Mbps (20MHz, Long GI, 800ns) 802.11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2Mbps (20MHz, short GI, 400ns)

Function 2	WWAN (All Network: 7 mode 15 frequency)
Frequency Band	GSM: 850/900/1800Mhz TD-SCDMA: Band34, Band39 WCDMA: Band1, Band5 CDMA 1x /EVDO: BC0 TDD-LTE: Band38, Band39, Band40, Band41 FDD-LTE: Band1, Band3
Communication Rate	GPRS: DL / UL171.2kbps; EDGE: DL / UL384 kbps TD: DL 2.8 Mbps / UL 2.2 Mbps DC-HSPA+: DL 42Mbps / UL 5.76 Mbps CDMA1x: DL 153.6kbps/ UL 153.6kbps; EVDO: DL 3.1 Mbps / UL 1.8 Mbps TDD-LTE: DL 117 Mbps / UL 30 Mbps(CAT4) FDD-LTE: DL 150 Mbps / UL 50 Mbps(CAT4)
Function 3	WPAN Bluetooth
Standard	Bluetooth 4.0 (Dual mode, support BLE)
Power	Class II
Distance	>20m (industrial-grade Bluetooth adapter)

4. NEW AUTOID[®] PAD THIRD PARTY APP DEVELOPMENT SUPPORT

System Software	Android 5.1
System Programming Environment	Android IDE (Eclipse)

5. NEW AUTOID[®] PAD PERIPHERALS AND ACCESSORIES

Standard Accessories	The host charger 5V/2.5A×1, Micro USB cable×1
Optional Accessories	Single-slot multifunctional charging base, Tail serial cable, Hand belt + Hand belt buckle, RS485 cable, Magnetic suction cable, Mounting bracket, Vehicle mount, knapsack, Touch pen