



NEW AUTOID Pad SERIES TABLET PRODUCT SPECIFICATION V1.1



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 HighSpeed, support OTG
	Micro SIM Card, TF Card, PSAM Card (optional)
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	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)×11(T)mm (21mm at barcode engine)
Weight (including standard battery)	485g (Including battery depends on different configurations)
Operating Temp	-20℃ to +50℃
Storage Temp	-40℃ to +60℃
Humidity	5% to 95% RH non-condensing
Sealing	IP65
Drop Specification	Multiple 4 ft./1.2m drops to concrete across the operating temperature range
ESD	±15kV Air discharge, ±8kV direct discharge

2. NEW AUTOID Pad DATA CAPTURE OPTIONS

Option 1	2D Advanced Imager Scan Engine N6603
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, MSI,PDF417,Postal Codes (Australian Post, China Post, Japanese Post, Planet Code,Postnet), 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%
Option 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)
Option 3	Front Camera
Maximum Resolution	1616V x 1232H pixel
Camera	Fixed focus
Pixel	2.0 megapixel
Option 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
Option 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)

3. NEW AUTOID Pad WIRELESS DATA COMMUNICATIONS

Option 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	2.4 G : 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)
Option 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)
Option 3	WPAN Bluetooth
Standard	Bluetooth 4.0 (Dual mode, support BLE)
Power	Class 2
Distance	>20m (industrial-grade Bluetooth adapter)

4. NEW AUTOID Pad THE THIRD PARTY APPLICATION 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