



AUTOID Pad SERIES TABLET PRODUCT SPECIFICATION V1.1



Jiangsu SEUIC Technology Co., Ltd.



1. AUTOID Pad PERFORMANCE CHARACTERISTICS

CPU	Cortex-A7 Quad core 1.2GHz
Operating System	Android4.3 or Android4.4
RAM	1GB
ROM	8GB
Expansion Slot	Micro SD Card, 32GB SDHC compatible
Interface/Communication	Industrial Micro USB interface, support USB2.0 high speed, tail port support serial communication or RS485 communication (optional)
	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
	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, usb2.0 and serial port communication (with magnetic suction end plug cable or base or RS485 end plug cable& R232 cable)
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) x 199 (W) x 11 mm (T) (21mm at barcode engine)
Weight (including standard battery)	485g (Including battery depends on different configurations)
Operating Temp	-20°C to +50°C
Storage Temp	-20°C to +70°C
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. AUTOID Pad DATA CAPTURE OPTIONS

Option 1	2D Advanced Imager Scan Engine N6603
Sensor Resolution	844X640
Rotate	360° (HD, SR at 6.3", and ER at 7.3")
Pitch Angle	±45° from normal
Skew Tolerance	±65° from normal
Scan Depth	7cm (5mil), 36cm (20mil)
Image frame	60fps
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, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MaxiCode, MicroPDF417, MSI, PDF417, Postal Codes (Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet), Plessey Code, PosiCode, QR Code, RSS Expanded, RSS Limited, RSS-14, TCIF Linked Code 39, Telepen, Trioptic Code, UPC-A, UPC E
Light source system	White light, laser aiming
Minimum printing contrast	20%
Option 2	2D Advanced Imager Scan Engine SE4710
Scan Accuracy	5mil
Sensor Resolution	1280(H)X800(V)
Rotate	360°
Pitch Angle	±60°
Skew Tolerance	±60°
Ambient Light	10000 ft. candles (107, 639 lux)
Cast LED	610nm
Lighting system LED Model Angle	Hyper Red 660nm 50.3° horizontal, 32.0° vertical at 50% intensity
Scan Depth	21.5cm (5mil), 51.2cm (55mil)



Scan Width	42.0° horizontal, 28.0° vertical
Code Support	UPC-A, UPC/EAN, Code 128, Code 39, Code 93, Code 11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, MSI, QR, DM, PDF417 Etc.
Option 3	GPS Location information collection
Frequency	L1 (1.575GHZ)
C/A Code	32 channel
Accuracy	5-10meter
Option 4	Front Camera
Maximum Resolution	1616V x 1232H pixel
Focus Range	30cm~∞
Pixel	2.0 mega-pixel
Option 5	Rear Camera
Maximum image resolution	8MP (4 : 3-3264 X 2448) (taking pictures) 8MP (16 : 9-3264 X 1836) (taking pictures)
Focus Range	10cm~∞
Pixel	8.0 mega-pixel
Camera	Auto-focus
Flashlight	Support double flashlights
Option 6	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 band 13.56MHz
Reading Distance	Reading distance 0~3cm (ISO15693), 0-2cm (ISO14443A/B) (Associated with tag)

3. 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), 2.4 GHz is : 2.4 GHz to 2.496 GHz, 5 GHz is : 4.9 GHz to 5.85 GHz
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 is more than 150 meters, 5 G is greater 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)
Antenna	Built-in antenna
Option 2	WWAN WDCMA
Frequency Band	GSM : Quad band (850 / 900 / 1800 / 1900Mhz) WCDMA : Band1 / 2100 MHz
Communication Rate	GPRS : DL / UL171.2kbps. EDGE : DL / UL384kbps DC-HSPA+ : DL 42Mbps / UL 5.76Mbps
Option 3	WWAN WDCMA+EVDO+TD-SCDMA
Frequency Band	GSM : Quad band (850 / 900 / 1800 / 1900Mhz) TD-SCDMA : Band34 / 2010-2025 MHz, Band39 / 1880-1920MHz WCDMA : Band1 / 2100 MHz CDMA 1x /EVDO : BC0 / 800 MHz
Communication Rate	GPRS : DL / UL171.2kbps EDGE : DL / UL384kbps TD : DL 2.8Mbps / UL 2.2Mbps H DC-HSPA+ : DL 42Mbps / UL 5.76Mbps CDMA1x : DL / UL 307.2kbps EVDO : DL 3.1Mbps / UL 1.8Mbps
Option 4	WPAN Bluetooth
Standard	Bluetooth 4.0 (Dual mode, support BLE)
Power	Class 2
Distance	>20 meters (industrial-grade Bluetooth adapter)

4. AUTOID Pad HE THIRD PARTY APPLICATION DEVELOPMENT SUPPORT

System Software	Android 4.3 or Android4.4
System programming environment	Android IDE (Eclipse), Android studio



5. AUTOID Pad PERIPHERALS AND ACCESSORIES

Standard Accessories	The host charger 5V / 2.5A×1, MICRO USB cable×1
Optional Accessories	Single-Slot Charging Dock, Tail serial line, Hand belt + Hand belt buckle, RS485&R232 lines, the mounting bracket

6. AUTOID Pad CERTIFICATIONS

ROHS
