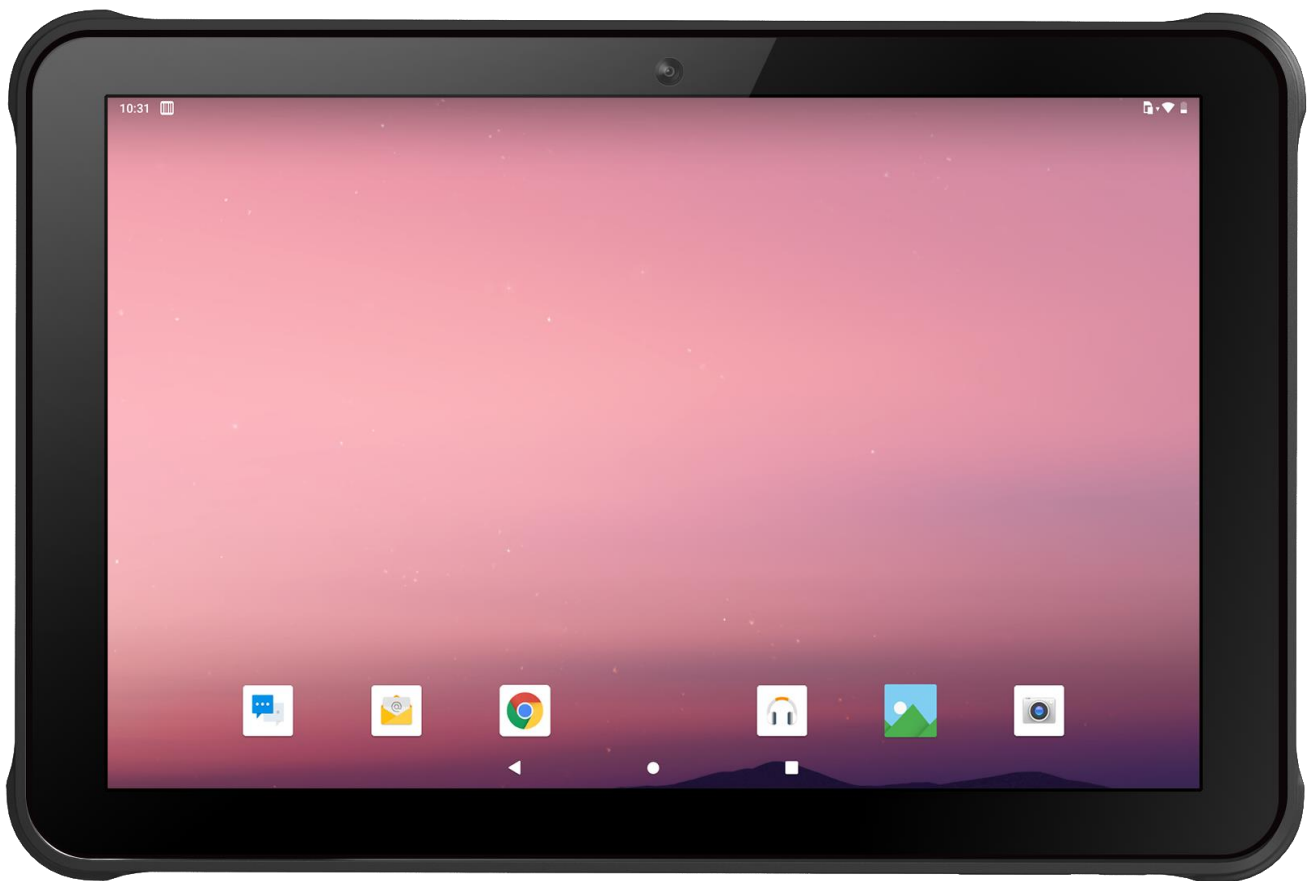# AUTOID®Pad Air-2.2Q8-9.0

SERIES TABLET

Product Specification V1.4

JIANGSU SEUIC TECHNOLOGY CO., LTD

1. AUTOID®Pad Air-2.2Q8-9.0 Performance Characteristics

Configure	Specifications
CPU	Qualcomm 8Core 2.2GHz
Operating System	Android 9.0
RAM	LPDDR4 x 1866MHz 4GB (6GB compatible)
ROM	64GB(32GB and 128GB compatible)
Expansion Slot	Micro SD Card, maximum 128GB SDHC compatible
Interface	Type-C interface, Micro USB 3.0 interface as standard, USB2.0 compatible, support Display port, heard-phone and main device charging.
	Nano SIM Card, TF Card
Buttons	3 keys including power on/off, volume+ and Volume -
Display	10.1" full-view LCD, capacitive touch, touch-with or without a thick glove/with dry or wet hand
	1920(H) × 1200(W), normal brightness (High brightness 800 nit optional compatible)
Power Supply	Bottom contact interface DC IN: Maximum 27W
	Non-removable 10140mAH rechargeable Li-ion battery Rating 9800mAh
	Micro USB and type-C interface, support QC3.0 PD charging, maximum power 18W .Max 9V
Bottom Interface	USB2.0, UART, 5V output, DC charging, IO
Light	Red for charging (breathing for low power)and green for fully charged. Blue for new message (breathing) and red for scan indication.
Audio	Built-in dual stereo speaker, 4Ω2W*2, built-in dual microphone, support Type-C digital headphone.
Sensors	Acceleration sensor, optical sensor, electronic compass and gyroscope
Hand Strap	Standard
Dimension	258*173*10.8 (12)mm
Weight (Including Standard Battery)	<650g
Operating Temperature	-10℃ to +50℃
Storage Temperature	-20℃ to +60℃
Humidity	5% to 95% RH non-condensing
Sealing	IP65
Drop Specification	1.2 m to marble (Grip 0.8 m to marble)

ESD	±15kV Air discharge, ±8kV direct discharge

2. AUTOID®Pad Air-2.2Q8-9.0 Data Capture Options

Function 1	2D　Image Scan Engine
Image Resolution	1280*800 pixels
Visual Angle	42 ° horizontally and 26.8 ° vertically
Image Frame	60fps
Others	LED complementary light source, aimer (laser aiming), laser wavelength: 650nm (pattern: cross laser pattern)
Led Supplementary Light Source	2700k; bright and uniform warm color lighting source
Service Life	Accord with the standard of IESNA lm-80
Laser Level of Safety	Class II
Code Support	1D: UPC / EAN, UPC / EAN, code128, gs1-128, code 39, code 32, code 93, code11, matrix 2 of 5, interleaved 2 of 5, IATA 2 of 5, industrial 2 of 5, Codabar, MSI, code11, etc. 2D: PDF417, MicroPDF417, data matrix, MaxiCode, QR code, MicroQR, Aztec, etc
Recognition Accuracy	Code128 (20MIL) depth of field parameters: nearest 10cm, farthest 90cm, depth of field 80cm Code128 (5MIL) depth of field parameters: nearest 10cm, farthest 90cm, depth of field 10cm
Function 2	GPS
Positioning	GPS+GLONASS+ BDS+Galileo, QZSS, SBAS, support AGPS
Mode of Operation	GPS main location,BDS, GLONASS and Galileo assistant location
Frequency	GPS:L1(1.575GHz); Beidou Navigation:B1(1.561GHz); GLONASS:L1(1.602GHZ)
Precision	5-10meter(OPEN SKY)
Function 3	Front Camera
Pixels	8 million pixels
Photo Function	Fixed focus
Function 4	Rear Camera
Pixels	13 million pixels
Photo Function	PDAF
Flashlight	Support flashlights
Function 5	RFID(HF)

Standards Support	Support ISO15693, ISO14443A/B (no encryption protocol), ISO14443A tag with encryption protocol (Mifare one S50, S70 and Other compatible); Support NFC protocol Support for the two generation ID card reading
Operating Frequency	HF frequency band 13.56MHz
Reading Distance	Reading distance 0~6cm (ISO15693), 0-4cm(ISO14443A/B) (varies by the labels)
Function 6	(Optional)Fingerprint Recognition
Fingerprinting	508DPI, 256*360pixels, support finger print recognition, second generation fingerprint module.
Function 7	(Optional)Scanning hand holder
Scanning hand holder	Back rotary scanning hand holder

3. AUTOID®Pad Air-2.2Q8-9.0 Wireless Data Communication

Function 1	WLAN
Agreement	IEEE 802.11a/b/g/n/ac(2.4G/5G dual-frequency WIFI) 2X2 MIMO
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 250 meters, 5 G : more than 200 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
Frequency Band	GSM：850/900/1800/1900 TD-SCDMA：B34/B39 WCDMA：B1/B2/B5/B8 CDMA：BC0 TDD-LTE：B34/B38/B39/B40/B41 FDD-LTE：B1/B3/B5/B7/B8 Band B1+B3 download, and B39+B41 upload.
Communication Rate	LTE-FDD downloading rate as 300M and uploading rate as 50M

	LTE-TDD downloading rate as 234M and uploading rate as 30M
Function 3	**Bluetooth**
Standard	Bluetooth 5.0
Distance	>20m (industrial-grade Bluetooth adapter)

4、AUTOID®Pad Air-2.2Q8-9.0 Third Party App Development Support

System Software	Android 9.0
System Programming Environment	Android Studio

5、AUTOID®Pad Air-2.2Q8-9.0 External Equipment And Accessories

Standard Accessories	PD adapter × 1，Double TYPEC data wire × 1, Hand Strap × 1。
Optional Accessories	Charging base，multifunctional charger，silicone protective cover，toughened film，Shoulder Strap，Bracket，connecting rod，docking station