



AUTOID6L(P) SERIES HAND-HELD TERMINAL PRODUCT SPECIFICATION



Jiangsu SEUIC Technology Co., Ltd.



1. AUTOID6L(P) PERFORMANCE CHARACTERISTICS

CPU	Cortex-A7 Quad core 1.2GHz
Operating system	Android4.3
RAM	1GB
ROM	8GB
Expansion Slot	Micro SD Card Compatible 32GB SDHC compatible
Keypad	28Keys
	LED (Backlight)
Display	3.5 inch industrial grade low temperature resistant capacitive touch screen, support for wearing gloves / water touch
	640(H)×480(W) (VGA)
Power	Removable 3.7V Lithium-ion 3800mAh rechargeable battery, Built in 100mAh 3.7V lithium ion backup battery
	Standard USB Micro interface, Intelligent identification of PC and special charger; Support Single-Slot Charging Dock
Interface/Communication	Supports USB2.0 High Speed, SIM card, TF card, PSAM card
PSAM Card	Compatible with 7816-3 ISO standard
Sensor	acceleration sensor, electronic compass, gyroscope
Notification	Audio, Vibration, LED
Audio	Internal Speaker / Microphone / receiver
Dimension	169(H)×72(W)×36(T)mm, (W : 72mm does not include the side button)
Weight (including standard battery)	313g (Including battery depends on different configurations)
Operating Temp	-20°C to +50°C
Storage Temp	-40°C to +60°C (Battery included)
	-40°C to +70°C (Battery excluded)
Humidity	5% to 95% RH non-condensing
Sealing	IP65
Drop Specification	Multiple 5 ft./1.5m drops to concrete across the operating temperature range
Tumble Specification	1,000 1.64 ft./0.5 m tumbles (2,000 drops)
ESD	±15KV Air discharge, ±8KV direct discharge



2. AUTOID6L(P) DATA CAPTURE OPTIONS

Option 1	1D Advanced Laser Scan Engine Zebra SE955
Scan Accuracy	4mil
Rotate	±35°
Pitch Angle	±65°
Skew Tolerance	±50°
Ambient Light	Sunlight : 10,000ft. Candles (107,640Lux)
	Artificial light : 450ft. Candles (4,844Lux)
Scan Depth	15.2cm (4mil), 64.1cm (55mil)
Scan Frequency	104±12 / sec
Scan Width	47° / 35°
Laser Safety Grade	Class 1
Code Support	UPC / EAN, POST, Code 128, Code 39, Code 93, Code 11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, MSI, RSSI Etc.
Option 2	1D Advanced Laser Scan Engine
Scan Accuracy	5mil
Rotate	±35°
Pitch Angle	±65°
Skew Tolerance	±50°
Ambient Light	Sunlight : 10,000ft. Candles (107,640Lux)
	Artificial light : 450ft. Candles (4,844Lux)
Scan Depth	13.5cm (5mil), 91cm (55mil)
Scan Frequency	100±10/sec
Scan Width	47°
Laser Safety Grade	Class 2
Code Support	UPC-A, UPC-E, EAN-8, EAN-13, Code128, Code 39, Code 93, Code 11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, MSI, RSSI etc.
Option 3	2D Advanced Imager Scan Engine Zebra SE4500



Sensor Resolution	752(H)x480(V) Pixel Wide VGA
Rotate	360°
Pitch Angle	±60°
Skew Tolerance	±60°
VLD	655nm±10nm
LED	635nm±5nm
Ambient Light (Sunlight)	9000 ft. Candles (96, 900Lux)
Optional Model : SR	Offers the best range and performance on medium and low density 1D and 2D bar codes
Optional Model : DL	Optimized for medium to high density bar codes as well as the bar codes found on driver's licenses and other identification documents, ideal for border crossings as well as the healthcare and electronics industry
Optional Model : HD	Omnidirectional scanning of medium to high density 1D/2D codes and the large PDF codes found on driver's licenses and other identification cards for gate access and border crossings
Option 4	2D Advanced Imager Scan Engine Honeywell N5600
Sensor Resolution	844(H)x640(V)
Rotate	360°
Pitch Angle	±45°
Skew Tolerance	±65°
Scan Depth	7cm (5mil), 45cm (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 4	Camera



Maximum Resolution	2592*1944 (Photo), 720P 15/30fps (Video)
Photo Function	Auto-focus
Flashlight	Support dual flash
Pixel	5.0 mega-pixel
BSI	Support
Option 5	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 13.56 MHz
Reading Distance	Typical values greater than 3cm (ISO15693), Typical values greater than 2cm (ISO14443A/B) (Associated with tag)
Option 6	GPS
Frequency	L1 (1.575GHz)
C/A Code	32channel
Accuracy	5-10m (OPEN SKY)

3. AUTOID6L(P) 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 2.4GHz-2.496 GHz, 5 GHz is 4.9GHz-5.85GHz
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), TTLS MD5, TTLS-PAP, PEAP-TLS, PEAP (MS-CHAP v2), AES etc
Transmission Distance	2.4G>150 meters (Industrial AP, open area), 5G >85 meters (Industrial AP, open area)
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 WCDMA
Frequency Band	GSM : Quad band (850 / 900 / 1800 / 1900Mhz) WCDMA : Band1
Communication Rate	GPRS : DL / UL171.2kbps EDGE : DL / UL384 kbps HSPA+ : DL 21 Mbps / UL 5.76 Mbps
Option 3	WWAN WCDMA+EVDO+TD-SCDMA
Frequency Band	GSM : Quad band (850 / 900 / 1800 / 1900Mhz) TD-SCDMA : Band34, Band39 WCDMA : Band1, Band5 CDMA 1x / EVDO : BC0
Communication Rate	GPRS : DL / UL171.2kbps, EDGE : DL / UL384kbps TD : DL 2.8Mbps / UL 2.2Mbps DC-HSPA+ : DL 42 Mbps / UL 5.76 Mbps 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	>20m (Industrial Bluetooth adaptor)

4. AUTOID6L(P) THIRD PARTY APPLICATION DEVELOPMENT SUPPORT

System Software	Android 4.3
System programming environment	Android IDE (Eclipse)

5. AUTOID6L(P) PERIPHERALS AND ACCESSORIES

Standard Accessories	Universal Adapterx1, USB Cablex1, Hand Beltx1, Batteryx1
Optional Accessories	Single-Slot Battery Charger, Four-Slot Battery Charger, Single-Slot Charging Dock, Touch pen