AUTOID® LIM Wireless Scanner

1D/2D Wireless Barcode Scanner mit Android 8.1 Go

AutoID LIM won 2021 the Red Dot Innovation Award. LIM is a mobile Wireless Barcode Scanner with Android 8.1 Go and TouchScreen. It can communicate with WLAN or with 4G/LTE.

AUTOID® LIM (PISTOL) PERFORMANCE CHARACTERISTICS

CPU	Quad core 1.3GHz
Operating System	Android 8.1 Go
Memory	1GB+8GB/2GB+16GB (Optional)
Expansion Slot	None
Interface/Communication	Support USB 2.0, support OTG
Keypad	10keys
	Back, Menu, Up, Down, Left, Right, Enter, Scan, Power button, Voice Identification
Display	2.4 inch size screen, Capacitive and touchable
	320*240 resolution
Power	Detachable 3.7V rechargeable 3180mAh of rated capacity Li-ion battery
	Micro-USB
Notification	Sound, Vibrator(built-in engine), LED indicator
Audio	Built-in loudspeaker and microphone
Sensor	Gyroscope
Dimension	159.02(H)×113.81(W)×54(T)mm
Weight(including standard battery)	220g
Operating Temp	-20℃to +50℃
Storage Temp	-40℃to + 60℃(Battery included) -40℃to + 70℃(Battery excluded)
Humidity	5% to 95% RH non-condensing
Sealing	IP54
Drop Specification	Multiple 5.8 ft./1.8m drops to marble across the operating temperature range
Tumble Specification	1000 rounds of tumble from 0.5m, equals to 2000 impacts
ESD	±15kV Air discharge,±8kV direct discharge

AUTOID® LIM (PISTOL) DATA CAPTURE OPTIONS

Option 1	2D Image Scan Engine (option1)
Sensor Resolution	1280(H)×800(V)
Rotate	360°
Pitch Angle	±60°
Skew Tolerance	±55°
Laser safety grade	Class II
Image frame rate	60fps
Scan depth	Code128: 10cm(5mil),89cm(20mil)
Code support	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, Industrial2 of 5, Codabar, MSI, Code11, PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, MicroQR, Aztec etc. 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, Industrial2 of 5,Codabar, MSI , Code11, etc. PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, MicroQR, Aztec, etc.
Light source system	White light, Red corss-shape laser aiming
Minimum printing contrast	20%

AUTOID® LIM (PISTOL) WIRELESS DATA COMMUNICATIONS

Option 1	WLAN WIFI
Protocol	IEEE 802.11 a/b/g/n (2.4G/5G dual-frequency WIFI)
Frequency Range	Depends on different countries (regions), 2.4GHz: 2.412GHz-2.477GHz; 5GHz: 5.17GHz-5.825GHz
Working Channel	CH1~CH14, CH36~CH165
Security	Safety Mode: legacy[3], WPA, WPA2, 802.1X Encrypted Mode: WEP40/WEP104, TKIP and AES ID Authentication: TIS,TTIS(CHAP[3], MSCHAP, MSCHAPv2, PAP or MD5 [3]), PEAP(TIS[3], MSCHAPv2, GTC), LEAP, FAST(TIS[3], MSCHAPv2, GTC) Others: Support IPv6
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) 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) 802.11n:13.5, 27, 40.5, 54, 81, 108, 121.5, 135Mbps(40MHz, Long GI, 800ns) 802.11n:15, 30, 45, 60, 90, 120, 135, 150Mbps(40MHz, short GI, 400ns)
Antenna	Built-in antenna
Option 2	**WWAN WCDMA**
Frequency Band	GSM: Qual Band(900\1800Mhz) TD-SCDMA: Band34\Band39 WCDMA: Band1\Band2\Band8 TDD-LTE: Band34\Band38\Band39\Band40\Band41

	FDD-LTE: Band1\Band3\Band7\Band8
Communication Rate	GPRS: DL / UL171.2kbps, EDGE: DL / UL384 kbps TD: DL 4.2 Mbps / UL 2.2 Mbps DC-HSPA+: DL 42Mbps / UL 5.76 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 4.1(Dual mode Support BLE)
Power	Class I

AUTOID® LIM (PISTOL) THE THIRD PARTY APPLICATION DEVELOPMENT SUPPORT

System Software	Android 8.1GO
System programming environment	Android Studio

AUTOID® LIM (PISTOL) PERIPHERALS AND ACCESSORIES

Standard Accessories	Universal Adapter×1, USB Cable×1, Quick Start Guide×1, Warranty Card×1

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