

AUTOID10 DPM

DPM Mobile Terminal Designed For Industrial Use



A new platform will combine powerful "Core" capabilities with fast and accurate AI scanning. Design the battery back cover so that it is easy to replace battery. When it comes with a special designed diffuse light cover, and can intelligently adjust the lighting mode, it makes the DPM reading ability to a unparalleled level, it greatly improve the reading ability on reading laser engraved code on PCB and metal, low contrast, dot peen, uneven code on curved, reflective or colored background, also can reading invisible code, Furthermore, It's designed to enhance human-computer interactions in several ways, including more precise reminders and a more intuitive terminal operation.



Product Features



Wi-Fi6 Ready technology

Utilize the cutting-edge technology "WELL WiFi" ¹ and Wi-Fi6 ready that achieve reliable and fast digitalization, text, picture, and video transmissions, effectively reducing equipment power consumption, ensuring information security, and reducing customer network deployment costs.

"WELL WiFi" ¹: is SIGAN self-developed technology, including WiFi Enhanced Technology /Low latency/ Low Packet Lost and other technologies



Having a long standby battery

It's a real challenge to sustain the continuous operation strength for two shifts for the frontline team. Using a 5360mAh high-capacity battery and AI with Power Saving Technology, an effective 25% power saving is achieved.

Specifications

| Physical Characteristics | |
|--------------------------------------|--|
| Dimensions | 7.6 in. L x 3.0 in. W x 2.7 in. H 193.54 mm L x 77.21 mm W x 68.89 mm H |
| Weight | 12.1oz./343g (include battery, varies by different configurations) |
| Display | 4.0 in. WVGA (800 x 480); |
| Touch Panel | Industrial grade low temperature resistant IPS screen, Capacitive, touchable, dual mode touch-with or without a thick glove/with or without wet hand |
| Power | Optional detachable 3.85V rechargeable 5360mAh Li-ion battery (built-in backup li-ion battery of 50mAh 16C) Side Type-C interface, support quick charge, intelligent identification of PC and charger, support 18W fast charge End interface: support 5V/2V charging |
| Expansion Slot | Micro SD Card, 128GB SDHC compatible |
| Interface/Communication | Support Type-C, support OTG |
| Notifications | Sound, vibrator, LED light indication |
| Keypad | 27 keys : Front key*24, Side scan key*2, PTT key*1 (inner light-transmitting industrial IMD keyboard), LED (buttons with backlight) |
| Voice and Audio | Built-in single loudspeaker, built-in dual microphone, Type-C support earphone |
| Performance Characteristics | |
| CPU | Qualcomm Octa-core 2.0GHz |
| Operating System | Android 11, GMS with AER |
| Memory | 4GB LPDDR4 RAM/64GB UFS2.1 ROM |
| User Environment | |
| Operating Temp. | -4 °F to 122 °F/-20 °C to +50 °C |
| Storage Temp. | -40 °F to 158 °F/-40 °C to +70 °C |
| Humidity | 5% to 95%, non-condensing |
| Drop Spec. | Multiple 4.9 ft./1.5m drops to marble across the operating temperature range |
| Tumble Spec. | 500 rounds of tumble from 1.6 ft./0.5 m equals to 1000 impacts |
| Sealing | IP65 |
| Electrostatic Discharge (ESD) | ±15 kV air discharge, ±8 kV direct discharge |
| Sensor | Optical sensor, Proximity sensor, Gravity sensor, Gyroscope, E-compass |
| Data Capture | |
| Scanning | DP and HDP Scan engine |
| Wireless Connectivity | |
| WLAN | |
| WLAN Radio | IEEE 802.11a/b/g/n/ac/ax ready (2.4G/5G dual-frequency WIFI) |
| Data Rates | 802.11a: 6,9,12,18,24,36,48,54Mbps 802.11b: 1, 2,5,11Mbps |

| | 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) 802.11ac:6.5,13,19.5,26,39,52,58.5,65,78Mbps(20MHz,Long GI,800ns) 802.11ac:7.2,14.4,21.7,28.9,43.3,57.8,65,72.2,86.7(20MHz ,short GI,400ns) 802.11ac:13.5,27,40.5,54,81,108,121.5,135,162,180Mbps(40MHz,Long GI,800ns) 802.11ac:15,30,45,60,90,120,135,150,180,200Mbps(40MHz,short GI,400ns) 802.11ac:29.3,58.5,87.8,117,175.5,234,263.3,292.5,351,390Mbps(80MHz,Long GI,800ns) 802.11ac:32.5,65,97.5,130,195,260,292.5,325,390,433.3Mbps (80MHz,short GI,400ns) |
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| Working Channel | CH1-CH13,CH34-CH165 |
| Security of WLAN | 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 |
| WWAN | |
| WWAN Radio | GSM: Qual Band(850/900/1800/1900Mhz) TD-SCDMA: Band34,Band39 WCDMA: Band1, Band2, Band5, Band8 CDMA 1x /EVDO : BCO TDD-LTE : B34 、 Band38 , Band39 , Band40 , Band41(100MHZ) FDD-LTE: Band1, Band3, Band 5, Band7, Band 8, Band 20,Band28 CA (DL) B1+B3,B39+B41 |
| GPS | GPS + Beidou + GLONASS (Three in one), Galileo GPS: L1(1.575GHz)+L5(1.176GHz); Beidou: B1(1.561GHz); GLONASS: L1(1.602GHz) |
| WPAN | |
| Bluetooth | Bluetooth 5.1 (Support BLE) |
| Accessories | |
| Standard | Universal Adapter×1, USB Cable×1, Battery×1, Hand Belt×1 |
| Additional | 4-Slot battery charger, Single device charging cradle with one spare battery charging slot, 5-slot charging cradle, Tempered glass screen protector, Hand Belt |
| Third Party Application Development Support | |
| System Software | Android 11 |
| System Programming | Eclipse, Android Studio |

