

RK95 series





# Android Operation Brings the Next Generation of Productivity and Efficiency

Visible LED indicators represent scanning result status, wireless connection, charging level and more.

4.3" touch display ensures readability and future adoption of touch-based applications.



29/38/52 keypad options. Terminal Emulation keypads support TN and VT systems.



Optional 13 MP camera embedded with specific angle to prevent it from being blocked by user's hand while gripping pistol or taking photos.

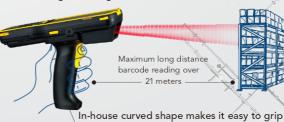


**IP65** 



2x2 MU-MIMO technology with increased data capacity and transmission speed.

Versatile reader options of laser, 2D imager, mid-range 2D imager, and extended-range 2D imager fulfill different user demands in reading distance.





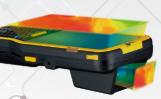
Lightweight and pistol designs to guarantee all-day comfortability.



Two battery options with hot-swappable and easy-removable features allow one-hand operation.



### Operation temperature down to -30°C



- ✓ Comes with temperature sensor and heater control software allows user to automatically turn on/off heater based on surrounding environment. For example, set to turn on heater under -10°C and turn off above 20°C.
- Heaters embedded in touch screen and scan window to ensure fog-free display and frost-free scanning.
- ✓ Ice-resistant materials built into the product itself to prevent potential damage caused by prolonged operation in low temperature environments.
- Freezer 5,500 mAh battery optimized for low temperature environment, min. 5 working hours at -30°C.





## **Android Operation Brings the Next Generation of Productivity and Efficiency**

CipherLab's RK95, the next generation of the 9700, brings the productivity and efficiency to the next level. Its advanced mobile computing platform and superior wireless options extend performance in the warehouse environment. With the latest Android operating system, the RK95 has fulfilled larger data collection with multiple keypad options and intensive scanning usage with versatile reader options. It not only fulfills traditional users' legacy warehouse applications but also new applications from indoors to outdoors.

### Accurate and Upgraded Features with Google Certification

Ciphertabs RKVS is a powerful handhold terminal that steps up the data collection game in the varerhouse environments. Data processing is made fast and easy with a powerful processor. Modernized terminal emulation and physical keypad options make data collection easy for legacy and new season Along with Goodge certification, the RKVS is a powerful handhold terminal that enhances workforce productivity and daily operations. Superior Wi-Ficoverage keeps multiple workers connected simultaneously, while 4GAITE supports new applications from indoors to out. Its powerful and upgradeable mobile computing platform operates with higher standards and security. With durable designs and resourceful data capture, the RKYS is surely an investment that is smart and cost effective for your business. CipherLab's RK95 is a powerful handheld te







### Superior Performance with Advanced **Certified Mobile Computer Platform**

CipherLab RK95 is powered by the octa-core 2.2 GHz processor with 4 GB RAM/64GB Flash memory. Your staff can process the data in an instant without any interruptions. Moreover, its latest Android 9.0 operating system is upgradeable to one later version. The RK95's intuitive interface allows suppraceable to one later version. The rex's intuitive interface allows your staff to have less training and access the most up-to-date Android applications. It is also certified by Google's GMS and AER programs to ensure applications operate smoothly with elevated standards. Regular quarterly security updates are guaranteed for five years after its launch. Zero-touch enrollment with AER makes large scale Android deployment across multiple devices simple.



### Reliable Transmission Increases Workforce **Productivity**

The RK95's reliable transmissions include IEEE802.11 a/b/g/n/ac of dual band and MIMO 2x2 technology. With MIMO 2x2, the RK95 offers superior Wi-Fi coverage and high-speed data throughput that keeps multiple workers connected simultaneously. With the ability to fast roaming in 1 seconds and reconnect in 7 seconds, the RK95 can handle big data transmission without disturbances. Workers can enjoy a more reliable wireless network regardless of location without interferences. The expandability of the optional 4G/LTE connectivity provides workers with real-time enhanced usage outside the four walls for warehouse storage, yard management and whole logistic operations. It also allows workers to upload and download data with location base applications such as proof of delivery and optional route planning.

The CipherLab RK95's IP65 rating, 1.8 m drop resistance and 1,000 tumbles at 1 m help support productivity with full protection from water, dust and accidental drops. Workers can feel secured when they work, knowing RK95's Corning Gorilla Glass improves damage resistance and toughness against chips and scratches. The keypad, with quality printing, also passed a durability test of 1 million presses. The RK95 can even extend its productivity into the cold storage or freezers and prevent device condensation. Along with all that durability, workers can operate for more than 8 working hours with the hot-swappable 3,000 mAh or 6,000 mAh battery, and more than 6 working hours with freezer battery. battery, and more than 6 working hours with freezer battery.

**Durable Designs that Outlast a Full Shift** 



### **Resourceful Data Capture**

CipherLab RK95's versatile reader options, laser, 2D imager, mid-range 2D imager and extended-range 2D imager, give you long distance barcode reading capabilities from 7.6 cm to over 21.4 meters. The RK95 has the same great modularity of the 9700 series for easy field replacement and on-site services. Additionally, it has the new LED indicator for good or bad scanning. Workers can also capture detailed photos for records of the cargo conditions and the verification process with its optional 13 MP camera. RK95's NFC ability, available on request, helps to read NFC smart trace or smalled contactines cards for access control. NFC smart tags or emulate contactless cards for access control.



### **Easy Data Collection with Modernized** Terminal Emulation and Physical Keypads

CipherLab RK95 provides a 38-key numeric and 52-key alphanumeric physical keypad option with CipherLab Terminal Emulation compatible with V1 and TN systems. Additionally, the RK95's touch base operation can also support Android intuitive and interactive applications. Maximize simplicity with your choice of keypads or touch input for Terminal Emulation/Android Apps now or in the future. The RK95's A 3-inch WGA display also irrepases the readability and viewing area. 4.3-inch WGA display also increases the readability and viewing area for your staff. It provides the best in-class indoor/outdoor readability and data input flexibility. Users can interact with the screen, regardless of the display is wet, with a finger, gloves or a stylus.

### **Flaborate Utilities and Software Solutions**



CipherLab's RK95 supports more than just 3rd party software.
It also supports CipherLab self-developed software utilities to boost your operation

- With CipherLab ReMoCloud', certified by Google EMM (Enterprise Mobility Management), provides solution to manage CipherLab's Android devices via internet anytime and anyplace. Supported by Google Zero-touch enrollment, ReMoCloud® allows administrators to track, monitor and manage applications from a central administration area.
- CipherLab Terminal Emulation supports systems of VT, TN3270 and TN5250 with full screen operation for efficient inventory management. With intuitive user interface, Wi-Fi status, battery capacity and custom font size/color, your business will undoubtedly save time and energy. Additionally, the Button Assignment which allows function key configuration will speed up the work process.
- ✓ CipherLab ADC (Android Device Configurator) makes customized configuration and project setting easy for administrators. These configuration utilities can perform system updates over USB connection or WMDS (Wireless Mobile Deployment System). Through Barcode To Setting, you could even facilitate mobile settings by scanning 1D/2D barcodes.

























Operating Power  Standard: Rechargeable 37V, 3000 mAh / A000 mAh / Loon Battery  Working Hours?  Standard: Min. 8 working hours (2000 mAh). Min. 12 working hours (2000 mAh).  Alert  Cad Shings Exchargeable 37V, 3000 mAh / Min. 12 working hours (2000 mAh).  Alert  Liber Exception of the Standard of Min. 8 working hours (2000 mAh). Min. 12 working hours (2000 mAh).  Alert  Liber Exception of the Standard St			
Memory   Micro SD Siot With SDHC (up to 22 GB) and SDXC (up to 27 BB) Support		Operating System	Android 9 (GMS, AER certified with one later version upgradeable capability)
Performance  Expansion  Micro SD Slot With SDHC (up to 32 GB) and SDXC (up to 27B) Support  SMSAM  1 SM with dust cover  Operating Power  Standard. Rechargeable 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage: Ord Storage: Ord Storage 37V, 3000 mAh, 14-ion Battery  Ord Storage:		CPU	Octa-core over 2.2 GHz
Performance  Departing Power  Standard Rechargeable 37V, 3000 mAh Livion Battery  Working Hours'  Standard Min. 8 working hours (2000 mAh). Min. 12 working hous (2000 mAh). Min. 12 working house (2000 mAh). Min. 12 w		Memory	64GB FLASH / 4GB RAM
Standard Rechargeable 27, 3000 mAh p. 2000 mAh Livon Battery Vorking Hours' Vorking Hours' Vorking Hours' Alert Vo	Performance	Expansion	Micro SD Slot With SDHC (up to 32 GB) and SDXC (up to 2TB) Support
Operating Power  Standard: Rechargeable 37V, 3000 mAh / A000 mAh / Loon Battery  Working Hours?  Standard: Min. 8 working hours (2000 mAh). Min. 12 working hours (2000 mAh).  Alert  Cad Shings Exchargeable 37V, 3000 mAh / Min. 12 working hours (2000 mAh).  Alert  Liber Exception of the Standard of Min. 8 working hours (2000 mAh). Min. 12 working hours (2000 mAh).  Alert  Liber Exception of the Standard St		SIM/SAM <sup>1</sup>	1 SIM with dust cover
Alert  Alert  (2 cords forage, Min. Sworking hours at 30°C  (3 cords)   Dindicatores for Rife, Anaging status, scanning status  (2 cords)   Carcular LED of front and 2 rectangle LED at sideg / Vibrator/ Speaker  (3 cords)   LEE 802 11 a / 5 / 3 / 7 / 7 a c / e / 3 / 7 / 1 / 7 / 7 / 7 a c / e / 3 / 7 / 1 / 7 / 7 / 7 a c / e / 3 / 7 / 1 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 2 / 7 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 2 / 7 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 2 / 7 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 2 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 2 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 3 / 7 / 7 a c / e / 2 / 7 / 7 a c / e / 2 / 7 / 7 a c / e / 2 / 7 / 7 a c / e / 2 / 7 / 7 a c / e / 2 / 7 / 7 a c / e / 2 / 7 / 7 a c / e / 2 / 7 / 7 a c / e / 2 / 2 / 7 / 7 a c / e / 2 / 2 / 7 / 7 a c / e / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2		Operating Power	Standard: Rechargeable 3.7V, 3000 mAh / 6000 mAh Li-ion Battery Cold Storage: Rechargeable 3.7V, 5500 mAh Li-ion Battery
(2 circular LED at front and 2 rectangle LED at sides) / Vibrator / Speaker  WLAN  IEEE 802 11 a / b / g / n / ac / e / d / h / / r / k / v / v . Pv4, Pv6, 2x MU-MIMO  WERP, WPA (PSK, TRIK) Pv62 / kep. Pv64, WPA-12 / Tk1, Pv47 / k / v / v . WPA-12 / kep. Pv64, V / v / v / v / v / v / v / v / v / v /		Working Hours <sup>2</sup>	
WLAN BEEE 802 11 a / b / g / n / ac / a / d / h / r / r / k / v / w.   PA/, PA/, S / R / N   WPA / PA/, PA/, PA/, PA/, PA/, PA/, PA/,		Alert	LED indicatores for RF, charging status, scanning status (2 circular LED at front and 2 rectangle LED at sides) / Vibrator / Speaker
WLAN security  WEP, WPA (PSK, TKIP), WPA2 (AES, PSG), WPA-1X (TRIP EAP-TLS, PEAP),  WPA2-X (LAGE, EAP-TLS, PEAP)  ASS-CCMP, WPI-SMS4, WPS2.0, WARH, EAP-TLTS, PEAP)  ASS-CCMP, WPI-SMS4, WPS2.0, WARH, EAP-TLTS, PEAP)  WPAN  Class 2 Bluetooth* 95 on the Ear-PWD  WPAN  Class 2 Bluetooth* 95 on the Ear-PWD  WWAN  GAP, SABA, HSP, SPR, OCEP, OPP, HPP, APA, GTC and LEAP, EAP-PWD  WWAN  (AG I DUTS + HSPA* 198, LE2, BL 85, B6, B8, B19  (AG) SDM 1550 / PSP, PSP, PSP, PSP, PAN, A2DP, AWRCP, GAVDP, HID, PBAP  (AG) GDD LTE B1/2000, B1/3000, B1/3000, B1/3000, B5/3000, B		Interface Supported	USB 2.0 with OTG
WLAN security  WPA2-TX/AES, EAP-TLS, PEAP, 802 Tx (EAP-TLS, PEAP) AES-CCMP, WPI-SMAS, WPS2. U. WAR, PESA, WPS2. WAR,		WLAN	IEEE 802.11 a / b / g / n / ac / e / d / h / i / r / k / v / w , IPv4, IPv6, 2x2 MU-MIMO
Bluetooth® profile   GAP, SDAP, HSP, SPP, GCEP, CPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP (2C) GSM, 850/800/718000/71800/7180000/7180000/7180000/7180000000000		WLAN security	WPA2-1X (AES, EAP-TLS, PEAP), 802.1x (EAP-TLS, PEAP) AES-CCMP, WPI-SMS4, WPS2.0, WAPI, EAP-TTLS (PAP, MSCHAP, MSCHAPv2),
(3G) UMTS / HSPA / HSPA+ B, 12, 24, 85, 86, 88, 819  WWAN!  (3G) UMTS / HSPA / HSPA+ B, 12, 24, 85, 86, 88, 819  (4G) FDD LTE B1/21/00, B1/2000, B1		WPAN	
WWAN!  (3G) UMTS / HSPA / HSPA + B1, B2, B4, B5, B6, B8, B9, B9, B9, B900, B41(700), B5(850), B7(2600), B8(900), B12(700), B12(700), B12(700), B12(800), B12(700), B12(800), B2(850), B2(850), B28, B6, (MG) TDD-LTE: Bana38, Band39, Band39, Band39, Band39, Band30, B25(850), B25(850), B28, B6, (MG) TDD-LTE: Bana38, Band39, Band30, B12(800), B25(850), B28, B6, B2, B1, B2, B3, B3, B3, B3, B3, B3, B3, B3, B3, B3	Wire less Communication	Bluetooth® profile	GAP, SDAP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP
Barcode Scanning Standard: Laser / ZD Imager/ Mick Range ZD Imager / Extended-Range ZD imager Cold Storage: 2D Imager / Extended-Range ZD imager Cold Storage: 2D Imager / Extended-Range ZD imager / Extended-Ran		WWAN <sup>1</sup>	(3G) UMTS / HSPA / HSPA +: B1, B2, B4, B5, B6, B8, B19 (4G) FDD LTE: B1(2100), B2(1900), Band3(1800), B4(1700), B5(850), B7(2600), B8(900), B12(700), B13(700), B17(700), B19(800), B20(800), B25(1900), B26(850), B28, B66
Cold Storage: 2D Imager/ Mick Range 2D Imager / Extended-Range 2D Imager  Autofocus 13 Megapixels with LED Blash  NEC! Supports ISO14443A, ISO14443B, ISO15693, Felica (Peer-to-Peer, Card Reader, Card Emulation)  Display 4.3" WVGA color display, Capacity Touch supports bare / wet / gloved finger and stylus inputs, Corning Gorilla Glass  Interactive Sensor Technology Light sensor, Proximity sensor, Motion sensor, E-compass, Gyroscope, Temperature sensor for Cold Storage  Keypad S2-Key Alphanumeric keypads, Terminal Emulation keypads (TNS250, TN3270 and VT), with LED backlight of the control of the con		GPS (For WWAN only)	
Data Capture  Camera (Optional)  NEC <sup>1</sup> Supports ISO14443A, ISO14443B, ISO15693, Felica (Peer-to-Peer, Card Reader, Card Emulation)  Display  4.3" WVGA color display, Capacity Touch supports bare / wet / gloved finger and stylus inputs, Coming Gerilla Glass  Interactive Sensor Technology  Light sensor, Proximity sensor, Motion sensor, E-compass, Gyroscope, Temperature sensor for Cold Storage  Keypad  S2-Key Alphanumeric keypads, Terminal Emulation keypads (29-key)  Voice and Audio  PTT voice; Speaker, Microphones with noise reduction and echo cancellation, Bluetooth® headset 216 mm x 80 mm x 30 mm  Standard: 400 g (3000 mAh), with 2D imager/ 425 g (3000 mAh) / 480 g (8000 mAh), with 2D imager/ 425 g (3000 mAh) / 480 g (8000 mAh), with 2D imager/ 425 g (3000 mAh) / 480 g (8000 mAh), with Extended-Range 2D imager  Cold Storage: 485 g, with 2D imager/ 520 g, with Extended-Range 2D imager  Cold Storage: 485 g, with 2D imager/ 520 g, with Extended-Range 2D imager  Standard: -20°C to 50°C / -22°F to 152°F  Storage Temperature  Cold Storage: -30°C to 50°C / -22°F to 152°F  Storage Temperature  Humidity (Non-Condensed)  Development Support  Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C imager (MIL-STD-810G), crossing oper	Data Capture	Barcode Scanning	Standard: Laser / 2D Imager/ Mid-Range 2D Imager / Extended-Range 2D imager Cold Storage: 2D Imager/ Mid-Range 2D Imager / Extended-Range 2D imager
Display 4.3" WVGA color display, Capacity Touch supports bare / wet / gloved finger and stylus inputs, Coming Gorilla Glass Interactive Sensor Technology Light sensor, Proximity sensor, Motion sensor, E-compass, Gyroscope, Temperature sensor for Cold Storage  Reypad S2-Key Alphanumeric keypads, Temperature sensor for Cold Storage  S2-Key Alphanumeric keypads, Temminal Emulation keypads (20-key)  Keypad S2-Key Alphanumeric keypads, Temminal Emulation keypads (1NS29), TNS270 and VT), with LED backlight Voice and Audio PTT voice; Speaker, Microphones with noise reduction and echo cancellation, Bluetooth* headset 216 mm x8 0 mm x 30 mm  Standard: 400 g (3000 mAh) / 445 g (6000 mAh), with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh) / 480 g		Camera (Optional)	
Interactive Sensor Technology  Light sensor, Proximity sensor, Motion sensor, Excompass, Gyroscope, Temperature sensor for Cold Storage  Xeypad  S2-Key Alphanumeric keypads, Terminal Emulation keypads (TNS250, TN3270 and VT), with LED backlight  Voice and Audio PTT voice; Speaker, Microphones with noise reduction and echo cancellation, Bluetooth® headset  Size (LWWH)  Standard: 400 g (3000 mAh), with setended-Range 2D imager  Veight  480 g (6000 mAh), with Extended-Range 2D imager  Cold Storage: 485 g, with 2D imager/S20 g, with Extended-Range 2D imager  Standard: -20°C to 50°C / -24°F to 122°F  Storage Temperature  Standard: -20°C to 50°C / -24°F to 122°F  Cold Storage: -30°C to 50°C / -24°F to 122°F  Storage Temperature  Operating temperature  Standard: 1.8 m / 2.4 m with Rubber 1900 onto concrete (MIL-STD-810G), crossing operating temperature  Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Regulatory Compliance  Cold Storage: 1.5 m vultiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Regulatory Compliance  Cold Storage: 1.5 m vultiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Regulatory Compliance  Cold Storage: 1.5 m vultiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Regulatory Compliance  Cold Storage: 1.5 m vultiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Regulatory Compliance  Cold Storage: 1.5 m vultiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Regulatory Compliance  Cold Storage: 1.5 m vultiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Regulatory Compliance  Cold Storage: 1.5 m vultiple drops onto concrete (MIL-STD-810G), crossing		NFC <sup>1</sup>	Supports ISO14443A, ISO14443B, ISO15693, Felica (Peer-to-Peer, Card Reader, Card Emulation)
Physical Characteristics  Keypad  S2-Key Alphanumeric keypads, Terminal Emulation keypads (TMS250, TM3270 and VT), with LED backlight  Voice and Audio PTT voice; Speaker, Microphones with noise reduction and echo cancellation, Bluetooth* headset  216 mm x 80 mm x 30 mm  Weight  Standard: 400 g (3000 mAh), vith Extended-Range 2D imager  Cold Storage: 485 g, with 2D imager/ 520 g, with Extended-Range 2D imager  Cold Storage: 485 g, with 2D imager/ 520 g, with Extended-Range 2D imager  Operating temperature  Standard: -20°C to 50°C / -4°F to 122°F  Cold Storage: -30°C to 50°C / -2°F to 152°F  Storage Temperature  Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature  Cold Storage: 1.5 m with Pubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Regulatory Compliance  CipherLab: ReMoCloud*, Wireless Mobile Deployment System (WMDs), Android Device Configurator (ADC), Barcode To Setting, Appl.ock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, AirWatch, Kalipso  Snap-on Cable (USB), Pistol Grips, Rubber Boot, available on request, NRE and MOQ may apply)  Pevelopment Support  CipherLab: ReMoCloud*, Wireless Mobile Deployment System (WMDs), Android Device Configurator (ADC), Barcode To Setting, Appl.ock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, AirWatch, Kalipso  Snap-on Cable (USB), Pistol Grips, Rubber Boot, available Configurator Cradle, Hand Strap, Please contact us for availability. 5-slot Terminal Ethernet Cradle <sup>1</sup> , Vehicle Cradle <sup>1</sup>	Physical Characteristics	Display	4.3" WVGA color display, Capacity Touch supports bare / wet / gloved finger and stylus inputs, Corning Gorilla Glass
S2-Key Alphanumeric keypads, Terminal Emulation keypads (TNS250, TN3270 and VT) with LED backlight   Voice and Audio   PTT voice; Speaker, Microphones with noise reduction and echo cancellation, Bluetooth® headset		Interactive Sensor Technology	Temperature sensor for Cold Storage
Size (LXWXH)  Standard: 400 g (3000 mAh), 445 g (6000 mAh), with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager  Cold Storage: 485 g, with 2D imager / 520 g, with Extended-Range 2D imager  Operating temperature  Operating temperature  Standard: -20°C to 50°C / -42°F to 122°F  Storage Temperature  -30°C to 70°C / -22°F to 158°F  Humidity (Non-Condensed)  Operating 5% to 95% / Storage 5% to 95%  Humidity (Non-Condensed)  Operating 5% to 95% / Storage 5% to 95%  Impact Resistance  Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature  Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Electrostatic Discharge  # 15 kV Air Discharge, ± 8 kV Contact Discharge  Regulatory Compliance  FCC / BC / CA65 / SRRC / CCC / NCC / BSMI / CE / WIEEE / RoH5 / REACH / Erp / BISWPC / IC / NrCAN / RCM (the regulatory compliance for WWAN model is swallable on request, NRE and MOQ may apply)  Development Support  Application Software  Accessories  Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Emulation, Software Trigger  Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap, Belt Hotser for Device with Pistol Grip, Please contact us for availability: 5-slot Terminal Ethernet Cradle!		Keypad	38-Key Numeric/Function keypads (29-key <sup>1</sup> ) 52-Key Alphanumeric keypads, Terminal Emulation keypads (TN5250, TN3270 and VT) ,with LED backlight
Standard: 400 g (3000 mAh) / 445 g (6000 mAh), with 2D imager / 435 g (3000 mAh) / 480 g (6000 mAh), with Extended-Range 2D imager  Cold Storage: 485 g, with 2D imager / 520 g, with Extended-Range 2D imager  Standard: -20°C to 50°C / -24°F to 122°F  Storage Temperature  Storage Temperature  Operating temperature  Standard: -30°C to 50°C / -22°F to 122°F  Storage Temperature  Operating 5% to 95% / Storage 5% to 95%  IP65 / 1000 (1 m) Tumbles  Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature  Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  # 15 kV Air Discharge, ± 8 kV Contact Discharge  Regulatory Compliance  FCC / BC / CA65 / SRRC / CCC / NCC / BSMI / CE / WEEE / Ro HS / REACH / Erp / BISWPC / IC / NrCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply).  Development Support  Application Software  Accessories  Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Emulation, Software Trigger  Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap, Belt Hoster for Device with Pistol Grip, Please contact us for availability: 5-slot Terminal Ethernet Cradle!			
Weight 480 ğ (6000 mAh), with Extended-Range 2D imager Cold Storage: 485 g, with 2D imager S20 g, with Extended-Range 2D imager S20 g, with 2D imager S20 g, with Extended-Range 2D imager S20 g, with 2D imager S20 g, with Extended-Range 2D imager S20 g, with 2D imager S20 g, with Extended-Range 2D imager S20 g, with 2D imager S20 g, with Extended-Range 2D imager S20 g, with 2D		Size (LxWxH)	
Operating temperature  Standard: -20°C to 50°C / -2°F to 122°F Cold Storage: -30°C to 50°C / -22°F to 122°F Storage Temperature  -30°C to 50°C / -22°F to 122°F Humidity (Non-Condensed)  Operating 5% to 95% / 5torage 5% to 95%  IP65 / 1000 (1 m) Tumbles Impact Resistance  Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Regulatory Compliance  FCC / BC / CA65 / SRRC / CCC / NCC / BSMI / CE / WEEE / RoHS / REACH / Erp / BISWPC / IC / NrCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply)  Development Support  CipherLab API and Android 9 Standard API  CipherLab: ReMoCloud®, Wireless Mobile Deployment System (WMDS), Android Device Configurator (ADC), BarcodeToSetting, AppLock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, Airror Terminal Emulation, Software Trigger Third Party: SOTI MobiControl, Xamarin Binding, Wanti Velocity Terminal Emulation & Browser, AirWatch, Kalipso  Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle, Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap, Belt Holster for Device with Pistol Grip, Please contact us for availability: 5-slot Terminal Ethernet Cradle¹, Vehicle Cradle¹		Weight	480 g (6000 mAh), with Extended-Range 2D imager
Storage Temperature  -30°C to 70°C / -22°F to 158°F  Humidity (Non-Condensed)  Operating 5% to 95% / Storage 5% to 95%  IP65 / 1000 (1 m) Tumbles  Impact Resistance  Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature  Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  ± 15 kV Air Discharge, ± 8 kV Contact Discharge  Regulatory Compliance  FCC / BC / CA65 / SRRC / CCC / NCC / NSM / CE / WEEE / RoHS / REACH / Erp / BISWPC / IC / NrCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply)  Development Support  Cipher Lab API and Android 9 standard API  Cipher Lab: ReMoCloud®, Wireless Mobile Deployment System (WMDS), Android Device Configurator (ADC), Barcode To Setting, AppLock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, Mirror Terminal Emulation, Software Trigger  Accessories  Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature  Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  ± 15 kV Air Discharge, ± 8 kV Contact Discharge  Electrostatic Discharge  ± 15 kV Air Discharge, ± 8 kV Contact Discharge  Electrostatic Discharge  **CO/BS STRC / CCC / NCC / NSM / CE / WEEE / RoHS / REACH / Erp / BISWPC / IC / NrCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply)  Cipher Lab: ReMoCloud®, Wireless Mobile Deployment System (WMDS), Android Device Configurator (ADC), Barcode To Setting, AppLock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, Mirror Terminal Emulation, Software Trigger  Accessories  Standard: 1.8 m / 2.4 m with Ruber Boot, and the Ruber Capture, Airlock Browser, Mirror Terminal Emulation, Software Trigger  Belt Holster for Device with Pistol Grip, Public Ruber	User Environment	Operating temperature	Standard: -20°C to 50°C / -4°F to 122°F
User Environment    Impact Resistance		Storage Temperature	
User Environment  Impact Resistance  Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature  Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G), crossing operating temperature down to -30°C  Electrostatic Discharge  Electrostatic Discharge  * ± 15 kV Air Discharge, ± 8 kV Contact Discharge  Regulatory Compliance  FCC / BC / CA65 / SRRC / CCC / NCC / BSMI / CE / WEEE / RoHS / REACH / Erp / B ISWPC / IC / NrCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply)  Development Support  CipherLab API and Android 9 Standard API  CipherLab: ReMoCloud®, Wireless Mobile Deployment System (WMDS), Android Device Configurator (ADC), BarcodeToSetting, AppLock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, Mirror Terminal Emulation, Software Trigger Third Party: SOTI MobiControl, Xamarin Binding, Wanti Velocity Terminal Emulation & Browser, AirWatch, Kalipso  Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle,  Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap,  Belt Holster for Device with Pistol Grip,  Please contact us for availability: 5-slot Terminal Ethernet Cradle¹, Vehicle Cradle¹		Humidity (Non-Condensed)	Operating 5% to 95% / Storage 5% to 95%
Electrostatic Discharge  Regulatory Compliance  Electrostatic Discharge  FCC / BC / CA65 / SRRC / CCC / NCC / BSMI / CE / WEEE / RoHS / REACH / Erp / B ISWPC /  IC / NrCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply)  CipherLab API and Android 9 Standard API  CipherLab: ReMoCloud®, Wireless Mobile Deployment System (WMDS), Android Device Configurator (ADC), BarcodeToSetting, AppLock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, Mirror Terminal Emulation, Software Trigger Third Party: SOTI MobiControl, Xamarin Binding, Wanti Velocity Terminal Emulation & Browser, AirWatch, Kalipso  Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle,  Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap,  Belt Holster for Device with Pistol Grip,  Please contact us for availability: 5-slot Terminal Ethernet Cradle¹, Vehicle Cradle¹		Impact Resistance	Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature Cold Storage: 1.5 m multiple drops onto concrete (MIL-STD-810G),
Regulatory Compliance FCC / BC / CA65 / SRRC / CCC / NCC / BSMI / CE / WEEE / RoHS / REACH / Erp / B ISWPC / IC / NrCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply)  Development Support CipherLab API and Android 9 Standard API  CipherLab: ReMoCloud®, Wireless Mobile Deployment System (WMDS), Android Device Configurator (ADC), BarcodeToSetting, AppLock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, Mirror Terminal Emulation, Software Trigger Third Party: SOTI MobiControl, Xamarin Binding, Wanti Velocity Terminal Emulatior & Browser, AirWatch, Kalipso  Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle,  Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap,  Belt Holster for Device with Pistol Grip,  Please contact us for availability: 5-slot Terminal Ethernet Cradle¹, Vehicle Cradle¹		Electrostatic Discharge	The state of the s
CipherLab API and Android 9 Standard API  CipherLab: ReMoCloud®, Wireless Mobile Deployment System (WMDS), Android Device Configurator (ADC), BarcodeToSetting, AppLock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, Mirror Terminal Emulation, Software Trigger Third Party: SOTI MobiControl, Xamarin Binding, Wanti Velocity Terminal Emulatior & Browser, AirWatch, Kalipso  Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle, Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap, Belt Holster for Device with Pistol Grip, Please contact us for availability: 5-slot Terminal Ethernet Cradle¹, Vehicle Cradle¹			
CipherLab: ReMoCloud®, Wireless Mobile Deployment System (WMDS), Android Device Configurator (ADC), BarcodeToSetting, AppLock, Button Assignment, Reader Configuration, Signature Capture, Airlock Browser, Mirror Terminal Emulation, Software Trigger Third Party: SOTI MobiControl, Xamarin Binding, Wanti Velocity Terminal Emulation & Browser, AirWatch, Kalipso  Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle, Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap, Belt Holster for Device with Pistol Grip, Please contact us for availability: 5-slot Terminal Ethernet Cradle¹, Vehicle Cradle¹	Development Support	CipherLab API and Android 9 Standard API	
Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle, Accessories Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap, Belt Holster for Device with Pistol Grip, Please contact us for availability: 5-slot Terminal Ethernet Cradle <sup>1</sup> , Vehicle Cradle <sup>1</sup>	Application Software		
- Trans	Accessories	Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle, Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap, Belt Holster for Device with Pistol Grip,	
	Warranty		

Please contact us for availability.
 Minimum 8 hours. 2D imager scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 25°C, Bluetooth® off / IEEE 802.11 a / b / g / n / ac on. The test is based on one broadcasting packet per second.

### **ACCESSORIES**



Charging and Communication Cradle



Snap-on Cable (USB)



Rubber Boot



Hand Strap



Pistol Grip



4-slot Battery Charger



Multi-slot Charging Cradle with Battery Charger



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