CIPHERLAB
Smarter

RK25
series

Combining New Age Features with Classic Usability

Crafted with operation-friendly designs, up-to-date features, powerful wireless options and versatile data capture functionality, the CipherLab RK25 mobile computer creates a perfect blend of new age features and classic usability to maximize your enterprise's usability.

Up-to-date Features for Big Volume Data Collection

The RK25 comes with 2 physical keypad designs for users to choose from. The physical buttons allow users to feel and press the buttons easily for faster data entry with higher accuracy, even during non-visual data entry applications.

Big Display and Friendly Operation Design

Its 4" display with multi-touch panel has auto-adjustable backlight and sunlight visibility to ensure readability in all environments. Its 10 and 70 degree reading angles make on-screen data checking simple by allowing users to read barcodes without laying the RK25 flat.

Trustworthy Wi-Fi and Real-time Communication

The RK25's Wi-Fi transmission (IEEE802.11 a/b/g/n/ac) of dual band and fast roaming is the true definition of dependability in data-intensive environments such as warehouses. Furthermore, RK25's 4G/LTE can facilitate large file transmissions with high speed such as video streaming and remote access to back-end systems.

Enterprise Usability with Updated Advancements

CipherLab RK25 is equipped with the quad-core 1.4 GHz processor and 2 GB RAM. Through its Micro SDHC card slot, the RK25's ample 16 GB memory is expandable to 32 GB so data-intensive applications can run smoothly.

Resourceful Data Capture

CipherLab's RK25 offers reader versatility with linear imager, 2D imager and mid-range 2D imager, giving you long distance barcode reading capabilities over 4 m. RK25's ability to support NFC applications of peer-to-peer and card emulation mode enables it to automate identification verification and eliminate the need of security key cards.

RK25's Additional High-Performance UHF RFID Capabilities

CipherLab RK25 UHF RFID reader increases productivity and efficiency to inventory management in a simple and cost-effective way. The RK25 UHF RFID reader, supporting the EPC Global Gen 2 v2 standards, has an excellent high-speed reading rate of more than 700 tags per second with a reading range of over 8 meters.

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| Android 7/9/11 | 4" CAPACITIVE TOUCH PANEL | IP65 | 1.5M MULTIPLE DROPS | Mid-Range 2D IMAGER | 2D IMAGER | NFC | NUMERIC KEYPAD | 802.11 a/b/g/n ac | 4G/LTE |

Performance	Operating system	Android 7.0 with GMS (Upgradeable to Android 9.0 with GMS)/ Android 9.0 with GMS (Upgradeable to Android 11 with GMS)/ Android 11 with GMS
	CPU	Quad-core 1.4 GHz Cortex A53
	Memory	2GB RAM / 16GB Flash 3GB RAM/ 32GB Flash[1]
	Expansion	Micro SD card slot with SDHC support (up to 32GB)
	Operating power	Replaceable and rechargeable 3.8V, 4000 mAh Li-Polymer battery
	Working hours[2]	minimum 8 hours (2D imager)
	Alert	Tri-color LEDs, vibrator, speaker
	Interface supported	USB 2.0 OTG and charging contact
Wireless communication	WLAN	IEEE 802.11 a/b/g/n/ac/d/h/i/w
	WLAN security	WPA, WPA2, WEP, TKIP, AES, PEAP, TTLS, TLS, PWD, SIM
	Fast Roaming	IEEE 802.11 r/k
	WPAN	*Bluetooth*® Class II, V4.0 / V4.1/ V4.2 BLE, V2.1 with Enhanced Data Rate (EDR)
	Bluetooth® profile	GAP, SDP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP
Data capture	GPS[3]	GPS, Galileo, GLONASS, BeiDou, AGPS
	Barcode scanning	2D imager / Mid-Range 2D imager
	RFID read / write (Optional)	HF RFID 13.56 MHz frequency which supports ISO14443 TYPE A,B, and ISO15693 Support NFC (Peer-to-Peer, Card Reader, Card Emulation)
	Camera (Optional)	Autofocus 8 megapixels with LED flash
Physical characteristics	Display	4" WVGA 480 (W) x 800 (H), Corning Gorilla Glass 3, TN LCD
	Touch panel	Capacitive touch with stylus, bare fingertip, and gloved fingertip inputs
	Interactive Sensor Technology	Accelerometer, Light sensor, proximity sensor, e-compass, Gyroscope
	Keypad	28-key numeric keypads with assignable keys, volume up and down keys, left and right trigger keys, power key
	Audio	Speaker, dual array microphones with echo and noise cancellation
	Size (LxWxH)	168 x 73.8 x 26 mm
	Weight	292 g (2D imager with battery)
User environment	Operating temperature	-20°C to 50°C / -4°F to 122°F
	Storage temperature	-30°C to 70°C / -22°F to 158°F
	Humidity (non-condensed)	Operating 10% to 90% / Storage 5% to 95%
	Impact resistance	Standard: 1.5 m (5 ft.) multiple drops onto concrete, With rubber boot: 1.8 m (6 ft.) MIL-STD-810G IP65 / 300 tumbles at 0.5 m
	Electrostatic discharge	± 15 kV air discharge, ± 8 kV contact discharge
	Regulatory compliance	CE, NCC, CCC, SRRC, ANATEL, BIS, WPC, FCC
		RoHS, REACH, WEEE, ErP, China RoHS
Accessories	Standard	Hand strap, Charging and communication cradle, Charging and communication snap-on cable, Pistol grip, Rubber boot, Vehicle Cradle , 4-slot battery charger, UHF RFID reader,Shoulder Strap
	On request	Multi-slot Ethernet cradle
Development support		Android SDK, reader API, SAM API, Xamarin Binding
Application software		CipherLab: Reader Configuration, Button Assignment, Wireless Mobile Deployment System (WMDS), Android Deployment Configurator (ADC) & BarcodeToSetting, ReSoftware Trigger Key, Terminal Emulation, App-Lock, Signature Capture, HF RFID Configuration Third party: SOTI MobiControl, VMware AirWatch, Kalipso, iVanti Velocity
Warranty		1 year

1. Currently available for two SKUs : AK25QSLDNSUQ1 (with WIFI)/ AK25EMLDNSUQ1 (with WIFI and LTE)
2. Minimum 8 hours under WLAN and 2D scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 25°C, RFID off / Bluetooth® off / IEEE 802.11 a/b/g/n/ac on. The test is based on one broadcasting packet per second.
3. GPS function is only available for WWAN models.

ACCESSORIES

| Charging and communication cradle | Charging and communication snap-on cable | Rubber boot | Vehicle cradle | Hand strap | Pistol grip | 4-slot battery charger | UHF RFID reader | Shoulder strap |