CIPHER LAB
Smarter

RS51
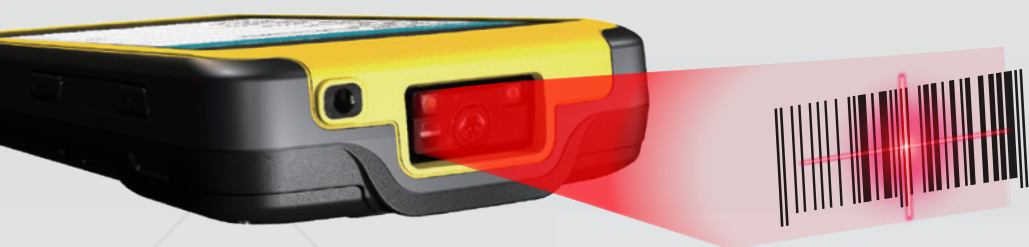## Серия

android enterprise recommended

Промышленный терминал сбора данных на Android

Android 8.1 (возможность обновления до Android 11.0) / Android 11.0

Поддерживает 1D и 2D штрих-коды Возможности HF RFID и поддержка бесконтактных приложений NFC

LINEAR IMAGER

2D IMAGER

NFC

4.7" дисплей

Авторегулируемая подсветка и видимость солнечного света

Микрофон с шумоподавлением и эхоподавлением

Гибкие возможности ввода
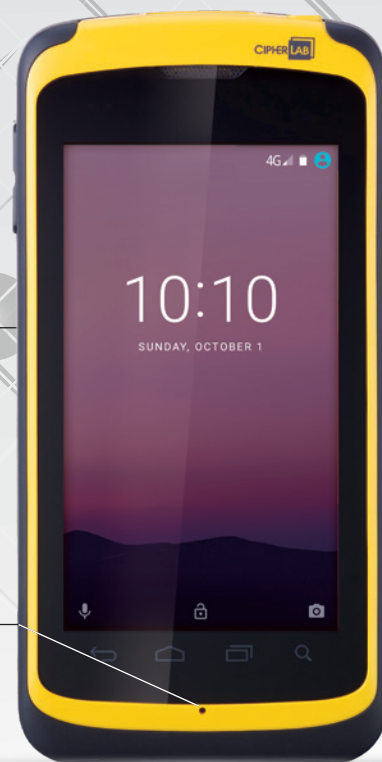
палец + палец в перчатке палец + стилус (мокрый палец тоже практично)

IP65 IP67

Уплотнение IP65 и IP67 защищает устройство от пыли и

13 мегапикселей (F2.0) со светодиодной вспышке и автофокусом

Литий ионный аккумулятор 4000/5300 mAh

Время работы без подзарядки 12 и 16 часов

Smarter Solution Keeps up with Fast-paced Changes

With the development of E-commerce, delivery speed is in demand for industries such as transportation and logistics and direct store delivery. A smarter and faster solution is needed. The importance of device upgrade capability has become a crucial element in maximizing device investment and customer satisfaction. CipherLab continually aims to deliver a leading solution and has created the advanced RS51 rugged touch computer that can streamline data collection with one simple device. Along with reliable cellular and Wi-Fi transmission, the RS51 gives users extraordinary mobility indoors and out.

Built for Smarter and More Efficient Operations

CipherLab's RS51 series inherited the advantages with enhanced functions to provide smarter and more efficient operation for business' every-day usage. Its future-proof and upgradeable feature are highly adaptable to future changes. The RS51 series has a comprehensive data capturing capabilities. Along with strong mobility options such as Wi-Fi and 4G/LTE, its enterprise functionality is protected by advanced rugged designs. On top of it all, CipherLab's RS51 mobile computer offers value-added utilities and software that empowers enterprises a solution to manage and simplify business operations and maintenance.

A Future Proof Device that is Adaptable to Future Changes

As an Android Enterprise Recommended (AER) device users will have support for multiple versions of the Android OS. The RS51 series is future proofed with Android 8.0 operating system and is upgradable to later Android version which maximizes device investment. Along with Google Mobile Services (GMS), your business can enjoy great user experience along with advantages in operation speed, power efficiency, data security and work seamlessly with a collection of Google applications such as Gmail and Google maps. With the OS upgrade flexibility, your enterprise can enjoy all the upgrades for years to come.
*Certification is in process.

Reliable Field Mobility Makes Operation Easy Inside and Out

Your business and field workers can enjoy reliable cellular and Wi-Fi support. You never have to worry about facilitating large file transfers, video calls and remote access to backend systems with its 4G/LTE. Being connected to corporate system at all times allows you to acquire information, update backend system and receive notifications of information quickly. Supporting up to 2 SIM cards on 2 different networks, enables your workers who cover large areas in different countries to have constant connectivity. Also, a comprehensive GPS supports accurate positioning and reduces drive time. Voice capabilities, VoIP (Push-to-Talk) and VoLTE empower your field workers instant voice connection with staffs inside the office. The microphones with noise reduction and echo cancellation let users hear every word of every call in noisy environments or on the road in city traffic.

All Your Data Capturing Needs in One Device

CipherLab RS51's versatile data collection supports 1D and 2D barcodes with comprehensive abilities to capture data in milliseconds, even if the barcode is in poor condition. The option of mid-range reader makes barcode capture in the warehouse effortless. Additionally, proof of service and video recording are made easy with signature capture and the upgraded 13 MP camera. It has HF RFID capabilities and supports contactless NFC applications in three modes. RS51's versatile data collection easily optimizes your operation.

Ergonomic Design Centered On Usability

CipherLab RS51's user-centered design is easy to use all day long. The auto-adjustable backlight and sunlight visibility ensures screen readability in or out the field. Regardless of wearing gloves or having wet fingers, the RS51's multi-touch panel and stylus input has it covered. Options of 4000 mAh and 5300 mAh replaceable batteries cover a minimum of 12 hour operation. Its hot swap function and back-up battery offer smooth operation without worrying about data loss. Moreover, IP65 and IP67 sealing protects your device from dust and water. No matter how demanding your working environment is, you can rely on RS51 to get the job done.

Complete Value-added Utilities and Software

Not only hardware, CipherLab provides a complete solution for your software needs. The RS51 is compatible with various self-owned and 3rd party software to provide your business a complete mobile office solution.

CipherLab Terminal Emulation CipherLab Terminal Emulation supports systems of TN5250, TN3270 and VT100/102/220/ANSI with full screen operation for efficient inventory management. Your business will certainly save time with a full-screen operation where the intuitive user interface, Wi-Fi status, battery capacity, custom font size/color and more are available at your staff's disposal.

ReMoCloud™ A brand new utility to manage Android devices via web. It integrates all the settings into the utility and monitors the status of devices. Management and deployment of devices anywhere and anytime is feasible.

CipherLab Mobile Deployment Suite
- CipherLab BarcodeToSetting creates user-friendly setup process, significantly shortens user's device setup time. Users may utilize BarcodeToSetting to export certain configurations in the Android Deployment Configurator (ADC) and generate corresponding 1D/2D barcodes. With a simple scan, all required settings are done within seconds.
- With CipherLab Wireless Mobile Deployment System (WMDS), users may efficiently deploy device configuration settings to a large number of devices. It also allows your worker to backup configurations with one click deployment and duplicate device settings for different series of products.

RS51 / Серия

android enterprise recommended | ANDROID 8.1/11.0 | 4.7" CAPACITIVE TOUCH PANEL | IP65 | IP67 | 1.8M MUTIPLE DROPS | 2D IMAGER | NFC | SAM | 802.11 a/b/g/n /ac | LTE

Рабочие характеристики	Операционная система	Android 8.0 с GMS(возможность обновления до Android 11.0 с GMS)¹	Android 11.0 с GMS
	Процессор	Восьми ядерный 1.8ГГц	
	Память	16ГБ Flash / 2ГБ RAM 64ГБ Flash / 4ГБ RAM	64ГБ Flash / 4ГБ RAM
	Слот расширения	Сло расширения памяти Micro SD с поддержкой SDHC (до 32ШБ) и SDXC (до 64ГБ)	
	SIM / SAM	2 SIM слота и 1 SAM слот	
	Источник питания	Литий ионный аккумулятор 4000 мАч / 3.8В	Литий ионный аккумулятор 5300 мАч / 3.75В
	Время работы без подзарядки²	Минимум 12 часов²	Минимум 16 часов²
	Уведомления	Трехцветный светодиод, вибросигнал, аудиосигнал	
	Интерфейс	Интерфейсный разъем (зарядка и передача данных USB 2.0 OTG)	
Беспроводная связь	GSM модуль (WWAN)³	GSM / GPRS / EDGE / WCDMA / HSPA+ / LTE World All-Mode (2G) GSM: 850/900/1800/1900 (3G) CDMA: BC0, BC1, BC10 (3G) UMTS/HSPA/HSPA+: B1 (2100), B2 (1900), B4 (1700), B5 (850), B8 (900) (4G) FDD LTE: B1 (2100), B2 (1900), Band3 (1800), B4 (1700), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B20 (800), B25 (1900), B26 (850), B28 (700) (4G) TDD-LTE: Band38, Band39, Band40, Band41	
	WiFi модуль (WLAN)	IEEE 802.11 a/b/g/n/ac/e/d/h/i/r/k/v/w	
	Безопасность WLAN	WEP, WPA (PSK, TKIP), WPA2 (AES, PSK), WPA-1X (TKIP,EAP-TLS, PEAP), WPA2-1X (AES, EAP-TLS, PEAP) ,802.1x (EAP-TLS, PEAP) AES-CCMP, WPI-SMS4, WPS2.0, WAPI	
	Bluetooth® (WPAN)	Bluetooth® Class I, V4.2 dual mode, V2.1 with Enhanced Data Rate (EDR)	
	Bluetooth® профили	GAP, SDP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP	
	GPS	Built-in GPS, AGPS, GLONASS, BeiDou, Galileo	
Типы считывателей	Считыватель штрих-кода	2D имиджер/2D имиджер средней дальности	
	RFID чтение / запись	HF RFID 13.56 МГц с поддержкой ISO14443A, ISO14443B, ISO15693, Felica Поддержка NFC (режимы Peer-to-Peer (обмен данными), Card Reader (чтение карты), Card Emulation (эмуляция карты))	
	Камера	13 мегапикселей (F2.0) со светодиодной вспышкой и автофокусом	
Физические характеристики	Дисплей	4.7'' - HD (720 x 1280) цветной, емкостная сенсорная панель с поддержкой работы в пальцами, под дождем, в перчатках и стилусом, DragontrailTM Glass	
	Датчики	Датчик освещенности, датчик приближения, акселерометр, цифровой компас	
	Клавиатура	Клавиша сканирования, 3 программируммые клавиши (громкость вверх и вниз, правая клавиша сканирования), клавиша питания	
	Аудио	Поддержка VoLTE & HD voice; Динамик, двухканальный микрофон с эхо и шумо подавлением	
	Размер (ДхШхВ)	162 x 80 x 26 mm	
	Вес (с батареей)	330 г	365 г
Условия эксплуатации и стандарты	Рабочая температура	От -20°C до 50°C	
	Температура хранения	От -30°C до 70°C	
	Влажность (без конденсата)	Рабочая: от 10% до 90% / Хранение: от 5% до 95%	
	Ударостойкость	Выдерживает множественные падения с высоты 1.8 м на бетон, по 6 падений на каждую сторону; 1000 оборотов в барабане с ребром 1 м; IP65/IP67	
	Электростатический разряд	¹± 15 kV air discharge, ± 8 kV contact discharge	
	Стандарты	CE, Green, NCC, FCC, BC, EAC	
		RoHS, REACH, WEEE, ErP	
Среда программирования		Android 8.0 SDK/Android 11.0 SDK, reader API, SAM API, Xamarin Binding	
Программное обеспечение		Reader Configuration, Button Assignment, ADC, Software Trigger, CipherLab TE, App-Lock, ReMoCloud, WMDS, Ivanti Velocity, VMware AirWatch, SOTI MobiControl, Kalipso	
Аксессуары		Коммуникационная подставка/зарядное устройство, Кабель с защелкой (USB), Пистолетная рукоять, Подставка в авто Опционально: Коммуникационная подставка/зарядное устройство на 4 слота с Ethernet	
Гарантия		1 year	

1. Bitte kontaktieren Sie die Vertriebsmitarbeiter für Details.
2. Mindestens 10/12 Stunden im WLAN-Betrieb und 2D-Imagerscans im 20-Sekunden-Abstand, LCD mit 50 % Hintergundlicht und eingeschaltetem Lautsprecher (Standardlautstärke), Umgebung-stemperatur 25 °C, RFID ausgeschaltet/Bluetooth® ausgeschaltet/IEEE 802.11 b/g/n/ac eingeschaltet. Der Test basiert auf einem Sendepaket pro Sekunde.
3. Der mobile Computer hat ein allgemeines Telekommunikationszertifikat für die Datenkommunikation erhalten. Angaben zur optimalen Betriebsreichweite erhalten Sie vom lokalen Betreiber.

ACCESSORIES

Зарядное устройство батареи на 4 слота | Коммуникационная подставка/ зарядное устройство | Кабель с защелкой | Зарядное устройство батареи на 5 слота | Зарядное устройство с терминальной зарядной подставкой | Пистолетная рукоять | Подставка в авто | Погон

*Все аксессуары имеют обратную совместимость с серией RS50.