

## Smarter Solution Keeps up with Fast-paced Changes

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

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.

## 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.

## Reliable Field Mobility Makes Operation Easy Inside and Out

Your business and field workers can enjoy reliable cellular and Wi-Fi support. Being connected to corporate system at all times allows you to acquire information, update backend system and receive notifications of information quickly.



## 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.

## 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. Options of 4000 mAh and 5300 mAh replaceable batteries cover a minimum of 12 hour operation.

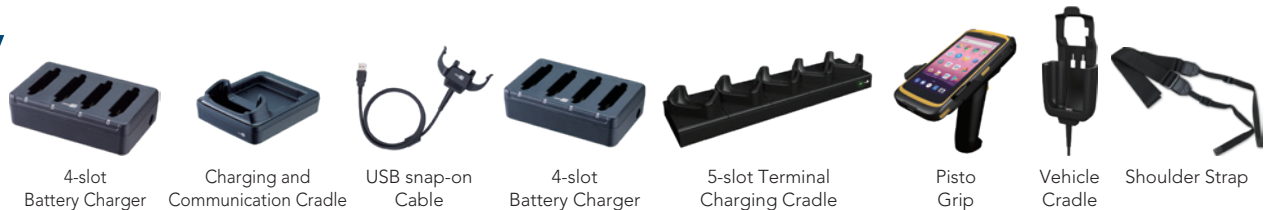
# RS51 series



Performance	Operating system	Android 8.1 with GMS (Upgradeable to Android 11.0 with GMS) <sup>1</sup>	Android 11.0 with GMS
	CPU	Octa-core 1.8GHz	
	Memory	16GB Flash / 2GB RAM 64GB Flash / 4GB RAM	64GB Flash / 4GB RAM
	Expansion	Micro SD card slot with SDHC support (up to 32GB) and SDXC (up to 64GB)	
	SIM / SAM	2 SIM slots and 1 SAM slot	
	Operating power	Replaceable and rechargeable 3.8V 4000 mAh Li-ion battery	Replaceable and rechargeable 3.75V 5300 mAh Li-ion battery
	Working hours <sup>2</sup>	Minimum 12 hours <sup>2</sup>	Minimum 16 hours <sup>2</sup>
	Alert	Tri-color LEDs, vibrator, speaker	
Interface supported	USB 2.0 OTG and charging contact		
Wireless communication	WWAN <sup>2</sup>	World All-Mode GSM / GPRS / EDGE / WCDMA / HSPA+ / LTE (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	
	WLAN	IEEE 802.11 a/b/g/n/ac/e/d/h/i/r/k/v/w	
	WLAN security	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	
	WPAN	Bluetooth® Class II, V4.1 dual mode, V2.1 with Enhanced Data Rate (EDR)	
	Bluetooth® profile	GAP, SDP, HSP, SPP, GOEP, OPP, HFP, PAN, A2DP, AVRCP, GAVDP, HID, PBAP	
	GPS	Built-in GPS, AGPS, GLONASS, BeiDou, Galileo	
Data capture	Barcode scanning	2D imager/Mid-range 2D imager	
	RFID read / write	HF RFID 13.56 MHz frequency which supports ISO14443A, ISO14443B, ISO15693, Felica Support NFC (Peer-to-Peer, Card Reader, Card Emulation)	
	Camera	Autofocus 13 megapixels (F2.0) with user-controllable flash	
Physical characteristics	Display	4.7" HD 720 (W) x 1280 (H), Capacitive touch supports bare/wet/gloved finger and stylus inputs, Dragontrail™ Glass	
	Interactive sensor technology	Light sensor, proximity sensor, accelerometer, e-compass	
	Keypad	Dedicated scan key, 3 programmable keys (volume up and down keys, right trigger key), power key	
	Voice and audio	VoLTE & HD voice support; Speaker, dual array microphones with echo and noise cancellation	
	Size (LxWxH)	162 x 80 x 26 mm	
	Weight (including battery)	330 g	365 g
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	1.8 m (6 ft.) multiple drops onto concrete, 6 drops on each side; 1000 tumbles at 1 m; IP65/IP67	
	Electrostatic discharge	± 15 kV air discharge, ± 8 kV contact discharge	
	EMC regulation	CE, Green, NCC, FCC, BC RoHS, REACH, WEEE, ErP	
Development support	Android 8.0 SDK/Android 11.0 SDK, reader API, SAM API, Xamarin Binding		
Application software	Reader Configuration, Button Assignment, ADC, Software Trigger, CipherLab TE, App-Lock, ReMoCloud, WMDS, Ivanti Velocity, VMware AirWatch, SOTI MobiControl, Kalipso		
Accessories	Charging and Communication cradle (USB or Ethernet), USB snap-on cable, 4-slot battery charger, Pistol Grip, Vehicle Cradle Reserved for CRM: 4-slot charging and communication cradle with Ethernet		
Warranty	1 year		

1. Please contact sales representatives for details.
2. Minimum 12/16 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 b/g/n/ac on. The test is based on one broadcasting packet per second.
3. The mobile computer has received general telecommunication certification for data communication. Please check with your local carrier for the optimum operating efficiency.

## ACCESSORIES



\*Accessories are backward compatible with RS50 series.



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