

CIPHER LAB
Smarter



RS30 series

Touch Mobile Computer



Performance	Operating system	Android 4.4
	CPU	Cortex 1.3 GHz Quad Core Processor
	Memory	8GB Flash / 1GB RAM
	Expansion	Micro SD card slot with SDHC support (up to 32GB)
	SIM / SAM	2 SIM slots and 1 SAM slot
	Operating power	Replaceable and rechargeable 3.8V 3100 mAh Li-ion battery
	Working hours	8 to 10 hours
	Alert	Tri-color LEDs, vibrator, speaker
Wireless communication	Interface supported	USB 2.0 OTG and charging contact
	WWAN	GSM / GPRS / EDGE / WCDMA / HSDPA / HSUPA / HSPA+ GSM / GPRS / EDGE: 850 / 900 / 1800 / 1900; UMTS / HSDPA / HSUPA: 850 / 900 / 1900 / 2100
	WLAN	IEEE 802.11 b/g/n
	WLAN security	WPA (PSK), WPA2 (PSK), WEP, TKIP, AES, EAP (MD5 CHAP, MS CHAP V2, TLS, PEAP)
	WPAN	Bluetooth® Class II, V4.0, V2.1 with Enhanced Data Rate (EDR)
	Bluetooth® profile	GAP, SDP, GOEP, SPP, OPP, HID, HSP, HFP, FTP, BPP, BIP, PBAP, A2DP, AVRCP, PXP, HOGP
Data capture	GPS	GPS, integrated with A-GPS ready
	Barcode scanning	Linear imager / Laser / 2D imager
	RFID read / write	HF RFID 13.56 MHz frequency which supports ISO14443A, ISO14443B, and ISO15693 Support NFC (Peer-to-Peer, Card Reader, Card Emulation)
Physical characteristics	Camera	Autofocus 8 megapixels with user-controllable flash
	Display	4.7" qHD 540 (W) x 960 (H), exceptionally bright image with 510 NITS, transmissive IPS LCD, Corning Gorilla Glass 3
	Touch panel	Capacitive touch with fingertip (bare or latex gloved) input
	Interactive Sensor Technology	Light sensor, proximity sensor, accelerometer, e-compass
	Keypad	Dedicated scan key, 4 programmable keys, volume up and down keys, left and right trigger keys
	Audio	Speaker, dual array digital microphones with echo and noise cancellation
	Size (LxWxH)	155 x 80 x 15.3 mm / 6.1 x 3.1 x 0.6 in.
User environment	Weight (laser including battery)	250 g / 8.8 oz. with battery
	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	SGS certified 1.2 m (4 ft.) multiple drops onto concrete, 6 drops on each side / IP54 / 150 tumbles at 0.5 m With protective boot: SGS certified 1.5 m (5 ft.) multiple drops onto concrete, 6 drops on each side / IP54 / 500 tumbles at 0.5 m
	Electrostatic discharge	± 15 kV air discharge, ± 8 kV contact discharge
Development support	EMC regulation	CE, Green, BSMI, NCC, FCC
	Development support	Cipherlab API for android
	Application software	Reader Configuration, Button Assignment, Kalipso Application Generator, SOTI MobiControl
	Accessories	Charging cradle, USB snap-on cable, micro USB cable, protective boot
Warranty	1 year	

ACCESSORIES



Charging cradle



USB snap-on cable



Protective boot



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