RS30: Enterprise Smartphone, 1D Imager, Android, black, USB kit

CipherLab RS30 is a touchscreen, mobile, robust and very durable smartphone with dual SIM card, built-in NFC and RFID reader, barcode scanner and a 8 megapixel camera. Its solid protection ensures worry-free applications in the field. The 4.7-inch touch screen along with Android 4.4 operating system provides to the user interface as similar and familiar as any personal smartphone. Armed with ruggedness, the RS30 provides extra protection to enhance ruggedness with a protective boot. Equipped with versatile reader options, near field communication and other functions, the RS30 offers a rugged and intelligent solution to meet mobile workers' needs.

The RS30 series touch mobile computer is a touch-centric smartphone with built-in multi-touch panel operating on the Android operating system. This ensures minimal training for the users because the user experience would be as similar as a personal smartphone. Its high sensible touch panel supports users' touch from bare fingertips to latex gloves. The RS30 series also includes a large 4.7" display which supports more viewable data to speed up information checking and responses to customer requests. The RS30 series weighs in at only 250 grams so there are no burdens on users mobility.



Key features:

- Android OS
- Long battery life
- 2 Dual SIM
- built-in NFC and RFID reader as standard
- Touch, transmissive display 4.7 "
- IP54
- built-in multi-touch panel
- protective layer display: Corning Gorilla Glass 3
- battery backup with Hot swap
- Low weight 260 g
- 8 megapixel camera
- Wi-Fi and Bluetooth
- supported by development software tool Sysdev KALIPSO Mobile Application Generator


1D CODE
BAT
TOUCH
USB
CAMERA
MICRO SDHC
ANDROID
1D IMAGER
READER
LCD
SCR-LCD
TFT
SCR-TFT
BT
DATA
GPS
NFC
NFC
WIFI
RFID HF

Technical Description

Functionality & Operation	
1D Barcode Symbologies	All standard one-dimension barcodes
Operation interface	scan button, programmable buttons, volume up and down keys, ON/OFF
Wireless communication	NFC, GSM, GPRS, EDGE, HSDPA, HSPA+, HSUPA, WCDMA
Operating system	Android
Expansion slot	Micro SD Card (SDHC)
Memory	8 GB Flash/1 GB RAM
Touch-screen panel	Yes
Display type	4,7" IPS LCD Transmissive Corning Gorilla Glass 3
WLAN Features	IEEE 802.11 a/b/g/n, 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
GPS navigation	AGPS
WPAN Features	Bluetooth® Class II v2.1 EDR
CPU Type	Cortex 1.3 GHz Quad Core Processor
RFID transponder protocols	NFC (NDEF), ISO 14443A, ISO 14443B, ISO 15693
Communication interface	USB: OTG, client and host
Indicators	3xLED , vibration, speaker
WWAN Features	GSM/GPRS/EDGE: Quad band 850 / 900 / 1800 / 1900 MHz
Bluetooth profiles	GAP, SDP, GOEP, SPP, OPP, HID, HSP, HFP, FTP, PBAP, A2DP, AVRCP
Audio	speaker, dual array digital microphone with echo and noise cancellation
Optical	
Bar code scanner	1D Imager
Camera	8 MPix, with Autofocus
Sensors	light sensor, proximity sensor, accelerometer, e-compass
Electrical	
Main battery pack operating time	10hod
Main battery pack	Rechargeable Li-Ion battery 2400 mAh, 3,7V
Mechanical	
Color	black
Weight	260g
Dimensions	Width: 80mm, Height: 155mm Length: 17.3mm
Environment	
Operating temperature	-20 to 50°C
Storage temperature	-30 to 70°C
Operating humidity (non-condensing)	10 to 90%
Storage humidity (non-condensing)	5 to 95%
Ingress protection	IP54
Electrical static discharge	±8kV contact, ±15kV air
Others	

Warranty	1 year
Development tools	CipherLab API for Android
Certifications	CE, RCM, FCC, Green, NCC
Application software	App-Lock, Reader Configuration, Kalipso Mobile Application Generator, SOTI MobiControl, MAPS.ME, Zello, Programmable Keys
Optional accessories	protective cover, charging and communication cradle, snap-on communication & charging cable

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