

HUGEROCK R30B Version:2021

RUGGED DATA COLLECTOR HANDHELD

30cm range HDX/FDX 134K Animal tags Readers

R30B Long range 134K Animal tags Data Collector Handheld is from SOTEN TECH. The product has 3.1 inch FHD screen with 550nit, Sunlight readable, based on a MTK Helio P60 Octa-core processor and 4G communication technology, 7200 mA battery, the battery can be replaced continuously, Use Android system with GSM certification and support Safeuem MDM system. The product uses high-quality 134K RFID modules and antenna, antenna, RFID Tags within a 30cm range can be read, Support HDX/FDX. can be equipped with Barcode, NFC. The products can be applied Animal husbandry traceability, biological lineage management, which can help enterprises improve their management level.



Google GMS



Mobile Device Management By Safeuem



HDX/FDX 134K Animal tags



HDX/FDX 134K Animal tags within a 30cm range can be read



7200 mAh replaceable battery



Robust and reliable



HUGEROCK-R30B
Tools for M-IOT

Shenzhen SOTEN Technology Co., LTD
ADD: 10F, B#2, Plovian Research Building, No. 5158 Shahe West Road, Nanshan, Shenzhen, China 518055
Phone: +86(0755)-61885156 61827963 Fax: +86(0755)-61827963
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外观细节



- 1: Barcode scanner(optional)
- 2: Front camera (optional)
- 3: Mic
- 4: Menu button
- 5: Arrow button and confirm button
- 6: Charge lamp
- 7: Power button
- 8: Back button
- 9: Home button
- 10: Scan button
- 11: Magnetic interface(Pogo pin)
- 12: 134k RFID scanner
- 13: Main camera(optional)
- 14: Flash lamp
- 15: Speaker
- 16: Battery



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SPECIFICATION

Model:R30B

Hardware		Communications & Networking	
CPU	MTK P60 (ARM A73 2.0GHz Octa-core)	Phone Call	GSM /WCDMA/CDMA 1X/VoLTE
GPU	Arm Mali-G72 MP3	2G	GSM/CDMA 1X/EDGE/GPRS/WAP
RAM	4GB	2G Band	GSM (B2/3/5/8)
Internal Memory	32GB	3G	WCDMA 3.75G (HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps), EVDO
External Memory	Micro SD card (T-FLASH card), max 128GB	3G Band	WCDMA (B1/2/5/8), Evdo: BC0/BC1 CDMA: BC0/BC1
Main Camera	13.0MP(AF) with flash led	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink, 50Mbps uplink
Sub Camera	1.0MP	4G Band	TD-LTE (B38/39/40/41); FDD LTE (B1, B2, B3, B4, B5, B7, B8, B12, B17, B20, B28)
Battery	7200mAh (Replaceable battery)	Wi-Fi	Dual-band (2.4GHz/5Ghz) single stream 802.11 a/b/g/n/ac
Display	3.1inch HD display 720*720	Bluetooth	4.2 Low Energy (LE)
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	Industrial & Reliability Design	
IO/Sensor/Navigation		Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
SIM Card	Micro SIM	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
TF Card	Micro SD card (T-FLASH card); max 128GB	Waterproof	Class 5 (IEC 60529)
Data interface	Magnetic interface (Pogo pin) USB&data	Dustproof	Class 6 (IEC 60529)
RFID module	134K animal tags	Operating temperature	-20°C to 55°C
Gravity sensor	support	Storage Temperature	-40°C to 80°C
Motion sensor	support	Reliability	MTBF>5000h; MTTR<0.5h
Direction Sensor	support	RH	5% to 95%
Magnetic Field Sensor	support	Operating Altitude	Max: 4,500m (15,000 feet)
Gyro sensor	support	Certification/OS/Software	
Rotation Vector	support	Language	English, Spanish, Portuguese(Brazil), Portuguese(Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified, Chinese, Chinese Traditional, etc
Light-sensor	support	OS	Android 10.0
Acceleration sensor	support	Package/Warranty terms/OEM	
Charger	5.0V 2A-10W	Warranty	24 months
Navigation	GPS+Beidou+Glonass+AGPS+SBAS(EPO 2.5m)	OEM/ODM	Support
Appearance		Package	USB cable/Charger 5V 2A/Introduction manual/Screen protector/Packing box/Aircraft box
Size	267*100*38(L*W*H)		
Weight	447g		
Color & Material	Black + grey(Metal &ABS)		



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FUNCTION MODULES

HF RFID/NFC	Data Collection
Frequency	13.56MHz
Protocol standard	ISO14443A/B, ISO15693, NFC
Label standard	M1(S50, S70), CPU, NFC
Read-write distance	2-5cm
134K LF RFID (support Animal tags)	Scanning engine
Operation Frequency	134 kHz
support agreement	ISO11784/5
Read distance	>30cm
Working mode	FDX-B/HDX
	Scanning engine
	1D
	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, ETC
	2D
	Code39, Code128, PDF417, MicroPDF417, DataMatrix, Composite, RSS, TLC-39, QR code, Micro QR code, Aztec, MaxiCode, Postal Code; US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, etc.

PRODUCT CONFIGURATION

Order number	Module		
	Barcode module	RFID module	recommend
	N1	134k LF Animal tags	NFC
R30B100		●	*
R30B101	●	●	*
R30B120		●	*
R30B121	●	●	*



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