



HUGEROCK R30B

RUGGED DATA COLLECTOR HANDHELD

5-15cm Range HDX/FDX 134.2K Animal tags Readers

R30B Long range 134.2K Animal tags Data Collector Handheld is from SOTEN TECH. The product has 3.1 inch FHD screen with 450nit, Sunlight readable, based on a MTK Helio P60 Octa-core processor and 4G communication technology, 7200mAh battery, the battery can be replaced continuously, Use Android system with GMS certification and support Safeuem MDM system. The product uses high-quality 134.2K RFID modules. RFID Tags within a 5-15cm range can be read, Support HDX/FDX. Standard configuration 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 134.2K
Animal Tags



7200mAh
Replaceable Battery



Robust
And Reliable



HUGEROCK-R30B
Tools for M-IOT

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APPEARANCE



SPECIFICATION

Model: R30B

Hardware		Communications & Networking	
CPU	ARM A73 2.0GHz Octa-core	Phone Call	GSM /WCDMA/VoLTE
GPU	Arm Mali-G72 MP3	2G	GSM/EDGE/GPRS/WAP
RAM	6GB	2G Band	GSM (B2/3/5/8)
Internal Memory	64GB	3G	WCDMA 3.75G (HSDPA+42.2Mbps, HSUPA+11.5Mbps)
External Memory	Micro SD card (T-FLASH card), max 1TB	3G Band	WCDMA(B1/2/5/8)
Main Camera	13.0MP(AF) with flash led	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps , 50Mbps up
Sub Camera	5.0MP	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 WIFI(2.4GHz/5Ghz)single stream 802.11 a/b/g/n/ac
Display	3.1inch HD display 720*720	Bluetooth	5.0 Low Energy (LE)
Touch Panel	Capacitive	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 1TB	Waterproof	Class 5 (IEC 60529)
Data interface	8Pin magnetic charging with USB 2.0	Dustproof	Class 6 (IEC 60529)
Gravity Sensor	support	Operating temperature	-20°C to 55°C
Magnetic Field Sensor	support	Storage Temperature	-40°C to 80°C
Motion Sensor	support	Reliability	MTBF>5000h; MTTR<0.5h
Gyro sensor	support	RH	5% to 95%
Light-sensor	support	Operating Altitude	Max: 4,500m (15,000 feet)
Acceleration Sensor	support	Certification/OS/Software	
Charger	5.0V 2A-10W	Certification	3C/FCC/CE/ROHS/IP65 (IEC 60529)
Navigation	GPS+Beidou+Glonass+AGPS+SBAS(EPO 2.5m)	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
Appearance		OS	Android 13 (Continuous updates)
Size	267*100*38mm (LxWxH)	Package/Warranty terms	
Weight	468g	Warranty	24 months
Color & Material	gray (Metal & ABS)	Package	Charger/Introduction Manual/Screen protector/Packing box/Magnetic Charging Cable/Precautions Card

FUNCTION MODULES

NFC		Data Collection	
Protocol standard	ISO14443A/B, ISO15693, NFC	Scanning engine	E20 Barcode module
Label standard	M1(S50, S70), CPU, NFC	2D	QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, Hanxin code, Dotcode, Composite.
Read-write distance	2-5cm		
134.2K LF RFID (support Animal tags)		1D	Code 128 (ISBT 128, AIM 128, GSI 128), EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN, Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GSI DataBar, Plessey, Febraban.
Operation Frequency	134.2K Hz		
support agreement	ISO11784/5		
Read distance	5-15cm		
Working mode	FDX-B/HDX		

PRODUCT CONFIGURATION

Order number	Module					
	Barcode module	RFID module		recommend		
						
	E20	134.2K LF Animal tags	NFC			
05121040	●	●	●	*		



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