

# HUGEROCK R71 Version:2021

## RUGGED DATA COLLECTOR TABLET PC

7 Inch Full Rugged RFID/NFC Readers

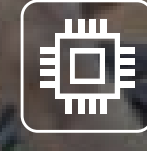
R71 Rugged industrial-grade data collection tablet PC is from SOTEN TECH. The product has 7 inch HD screen with 1000nit, Sunlight readable, based on a MTK Helio P60 Octa-core processor and 4G communication technology, and 10000 mAh battery. Use Android system with GMS certification and support Safeum EDM system. The product uses low-power UHF RFID module and ultra-thin UHF antenna, and can be equipped with NFC. The products can be applied to many application scenarios including Outdoor work, patrol inspection, warehouse inventory, logistics and express delivery, manufacturing, new retail of stores, asset management and so on, which can help enterprises improve their management level.



Google GMS



Mobile Device Management Safeum



Helio P60 A73 12nm FinFET



MIL-810G Drop-proof 1.5m



All-mode full Bands



10000mAh Polymer battery



1000nit HD display



HUGER CK-R71  
Tools for M-IOT

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



- 1. MIC
- 2. Camera Button
- 3. SOS Button
- 4. 8 Pin Pogopin (Optional serial port)
- 5. Handset Jack (Sealed Cover)
- 6. SMA connector (Optional)
- 7. Light sensor
- 8. Sub Camera
- 9. Type-C (Sealed Cover)
- 10. Power Button
- 11. Reset Button
- 12. Volume Up
- 13. Volume Down
- 14. TF-card (Sealed Cover)
- 15. SIM-card (Sealed Cover)
- 16. Main Camera
- 17. Pogo pin (Optional)
- 18. Speaker



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## SPECIFICATION

Model: R71

Hardware		Communications & Networking	
CPU	ARM Cortex A73 Octa-core (2.0GHz)	Phone Call	GSM /WCDMA/CDMA 1X/VoLTE
GPU	Arm Mali-G72 MP3	2G	GSM/CDMA 1X/EDGE/GPRS/WAP
RAM	8G	2G Band	GSM (B2/3/5/8)
Internal Memory	128G	3G	WCDMA 3.75G (HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps), EVDO
External Memory	Micro SD card (T-FLASH card), max 256GB	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	5.0MP	4G Band	TD-LTE (B38/39/40/41); FDD LTE (B1/2/3/4/5/7/8/12/17/20/28)
Battery	10000mAh	Wi-Fi	Dual-band WIFI (2.4GHz/5GHz) single stream 802.11 a/b/g/n/ac
Display	7 inch IPS/AFFS 720*1280 HD industrial 1000nit Sunlight Readable	Bluetooth	4.2 Low Energy (LE)
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	<b>Industrial &amp; Reliability Design</b>	
<b>IO/Sensor/Navigation</b>		Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
SIM Card	1.8/3.3V SIM card	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
TF Card	Micro SD card (T-FLASH card); max 256GB	Waterproof	Class 7 (IEC 60529)
Headphone	3.5mm (CTIA)	Dustproof	Class 6 (IEC 60529)
Charging interface	Type-C*1	Operating temperature	-20°C to 55°C
Data interface	USB Type-C(OTG)*1	Storage Temperature	-40°C to 80°C
Gravity sensor	support	Reliability	MTBF>5000h; MTTR<0.5h
Direction Sensor	support	RH	5%RH-95%
Magnetic Field Sensor	support	Operating Altitude	Max: 4,500m (15,000 feet)
Gyro sensor	support	<b>Certification/OS/Software</b>	
Rotation Vector	support	Certification	3C/FCC/CE/ROHS/IP67 (IEC 60529)
Light-sensor	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.
Acceleration sensor	support	OS	Android 10.0 / Android 11.0
Motion 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
<b>Appearance</b>		Package	USB cable/Charger 5V 2A/Introduction manual/Screen protector/Packing box (Can be customized logo) /Aircraft box/Toolkit (optional)
Size	202*138*22mm (L*W*H)		
Weight	700g		
Color & Material	Black&Gray		



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## FUNCTION MODULES

LF RFID data collection		UHF RFID	
125K LF ID Module	LF RFID, 125K	Air interface protocol	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C
134 LF RFID Module	LF RFID, 134k Animal module	Operating spectrum range	902Mhz - 928Mhz 865MHz - 868MHz (Optional)
<b>HF RFID/NFC</b>		Output range	0-26dbm
Frequency	13.56MHz	Output accuracy	+/- 1dB
Protocol standard	ISO14443A/B, ISO15693, NFC	Output power level	+/- 0.2dB, The label is sensitive and stable.
Label standard	M1(S50, S70), CPU, NFC	Reading distance	≥1.8m (E41 tag)
Read-write distance	2-5cm		

## PRODUCT CONFIGURATION

Order number	RFID Module				Module		recommend
	125K LF	134K LF	HF&LF dual frequency ID/IC card read-only module	13.56M HF multi-protocol module	UHF module (M500+Ceramic antenna)	NFC module	
R715					●		*
R716						●	*
R711	●						
R712		●					
R713			●				
R714				●			



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