

HUGEROCK RK70

RUGGED DATA COLLECTOR TERMINAL

7 Inch Industrial Multi-function Smart Terminal

Hugerock RK70 series smart terminal is a Feasible and portable mobile rugged IOT device specially designed for industrial fields like heavy vehicle etc,. It uses 7" high-brightness display, with toughened TP, is totally low-cost, high-performance, and complete reliable. Rich peripheral interfaces and optional internal modules can be adapted to a wide range of fields, like heavy-duty trucks, forklifts loader, large-scale agricultural machinery, vessel, etc. Combined with mobile networking, high-precision GPS, and various sensors, it can fully realize collection, transfer, monitoring, commanding and scheduling the various applications.



All-Mode
Full Bands



IP66
Waterproof/Dustproof



5MP
Camera



GNSS
GPS+Beidou+Glonass
+AGPS+SBAS



HUGEROCK RK70
Tools for M-IOT

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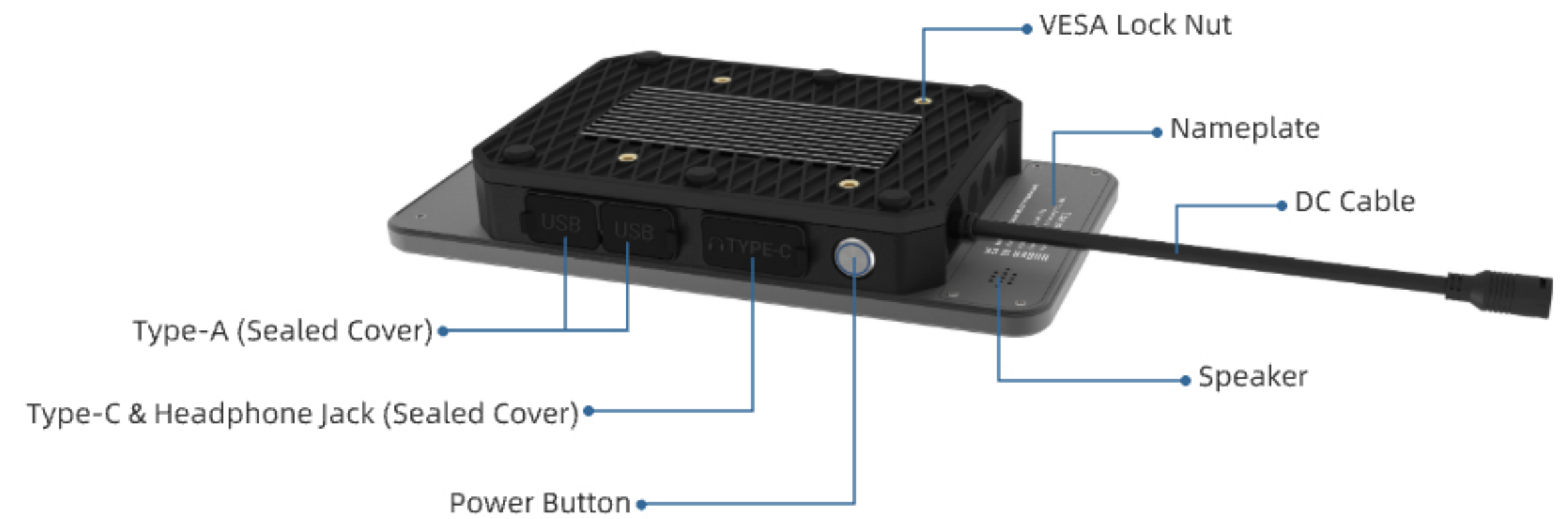
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APPEARANCE



SPECIFICATION

Model: RK70

Hardware		Communications & Networking	
CPU	ARM Cortex A73 octa-core (2.0GHz)	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)
Sub Camera	5.0MP	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps , 50Mbps up
Battery	No built-in battery/external power supply	4G Band	TD-LTE (B38/39/40/41); FDD LTE (B1,B2,B3,B4,B5,B7,B8,B12,B17,B20,B28)
Display	7 inch IPS/AFFS 720*1280 HD industrial 1000nit Sunlight Readable	WI-FI	Dual-band WIFI(2.4GHz/5Ghz)single stream 802.11 a/b/g/n/ac
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen	BT	5.0 Low Energy (LE)
IO/Sensor/Navigation		Industrial & Reliability Design	
SIM Card/ TF Card	Nano SIM card * 2, MicroSD card * 1 (Choose any two out of three)	Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
Headphone	3.5mm (CTIA)	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
Power interface	DC 12V	Waterproof	Class 6 (IEC 60529)
Data interface	USB Type-A(Host)*2, Type-C*1	Dustproof	Class 6 (IEC 60529)
Gravity Sensor	Support	Reliability	MTBF>5000h; MTTR<0.5h
Magnetic Field Sensor	Support	Operating temperature	-30°C to 70°C
Motion Sensor	Support	Storage Temperature	-40°C to 80°C
Gyroscope sensor	Support	RH	5% to 95%
Light-sensor	Support	Operating Altitude	Max: 4,500 m(15,000 feet)
Acceleration Sensor	Support	Certification/OS/Software	
Body sensing	4G microwave radar sensor	Certification	3C/FCC/CE/ROHS/IP66 (IEC 60529)
Charger	AC 220V input, 12V output, 2A 24W	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
Navigation	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	OS	Android 9/10/11/13 (Continuous updates)
Appearance		Package/Warranty terms	
Size	227*118*34mm (LxWxH)	Warranty	24 months
Weight	640g	Package	USB Cable/Charger/Introduction Manual/Screen protector/Packing box/ Precautions Card/ GPS antenna/ Wall Mount Bracket
Color & Material	Black (ABS+PC+Metal)		

FUNCTION MODULES

NFC	
Protocol standard	ISO14443A/B, ISO15693, NFC
Label standard	M1(S50, S70), CPU, NFC
Read-write distance	2-5cm

PRODUCT CONFIGURATION

Order Number	Module	Recommend	
			
05121053	NFC	*	



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