

SPECIFICATION



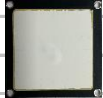

Model: R80

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+
External Memory	Micro SD card (T-FLASH card), max 256GB	3G Band	WCDMA (B1/2/5/8), Evdo: BC0/BC1 CDMA: B
Main Camera	13.0MP(AF) with flash led	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150M
Sub Camera	5.0MP	4G Band	TD-LTE (B38/39/40/41); FDD LTE (B1/2/3/4/5,
Battery	18900mAh	WI-FI	Dual-band WIFI (2.4GHz/5Ghz) single stream &
Display	8 inch IPS/AFFS FHD 1920*1200 industrial 1000nit Sunlight -Readable	Bluetooth	5.0 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	Nano sim card*2	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV &
TF Card	Micro SD card (T-FLASH card); max 256GB	Waterproof	Class 7 (IEC 60529)
Charging Port	Type-C & 4PIN magnetic charging	Dustproof	Class 6 (IEC 60529)
Data interface	USB Type-A(Host)*1, Type-C*1	Operating temperature	-20°C to 55°C
Gravity sensor	Support	Storage Temperature	-40°C to 80°C
Direction Sensor	Support	Reliability	MTBF>5000h; MTTR<0.5h
Magnetic Field Sensor	Support	RH	5%RH-95%
Gyro sensor	Support	Operating Altitude	Max: 4,500 m (15,000 feet)
Rotation Vector	Support	Certification/OS/Software	
Light-sensor	support	Certification	3C/FCC/CE/ROHS/IP67 (IEC 60529)
Acceleration sensor	support	Language	English, Spanish, Portuguese (Brazil), Portugue French, Polish, Romanian, Turkish, Russian, Ar Vietnamese,Hindi, Hebrew, Simplified, Chines
Motion sensor	support	OS	Android 11/13 (Continuous Updates)
Charger	5.0V 2A-10W	Package/Warranty terms	
Navigation	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	Warranty	24 months
Appearance		Package	USB cable/Charger 5V 2A/Introduction manua Ejector/Magnetic Charging Cable
Size	256*159*23mm (L×W×H)		
Weight	1015g		
Color & Material	Gray (PC+ABS)		

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、code、Dotcode、Composite
Read-write distance	2-5cm	1D	Code 128 (ISBT 128、AIM 128、GS1 128)、I A、ISBN、ISSN、Code11、Interleaved 2 of 5、Code39、Code93、Code32、Codabar、M Plessey、GS1 DataBar、Plessey、Febraban
UHF RFID			
Air interface protocol	EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C		
Operating spectrum range	902Mhz – 928Mhz 865MHz – 868MHz (Optional)		
Output range	0-26dbm		
Output accuracy	+/- 1dB		
Output power level	+/- 0.2dB ,The label is sensitive and stable.		
Reading distance	≥1.8m (E41 tag)		

PRODUCT CONFIGURATION

Order Number	Module				Recommend				
	Barcode Module	RFID Module							
05121015	E20 Barcode Module	UHF Module (M500+Ceramic Antenna)	NFC	*					
05121051				*					



11.5Mbps),EVDO

C0/BC1

bps downlink, 50Mbps uplink

(7/8/12/17/20/28)

302.11 a/b/g/n/ac



Touch Panel IK05



ese (Portugal), Italian, German, Dutch,
abic, Indonesian, Malay, Thai,
e,Chinese Traditional, etc.



l/Screen protector/Packing box/SIM Card





Micro PDF417、Aztec Maxicode、Hanxin

EAN-13、EAN-8、UPC-E、UPC-

Matrix 2 of 5、Industrial 25、IATA25、MSI

