

Technical specifications

Model Name	FG80
CPU	Octa-core 2.2GHz
OS	Android 11
RAM	4GB
ROM	64GB
Camera	Rear camera 13MP AF+high brightness LED flash; Front camera 8MP FF
Display size	8 inches, IPS screen
Resolution	1920*1200
Touch screen	5-point capacitive touch screen
Dimension	253mm*136mm*14.2mm
Battery capacity	7200mAh
Charging	PE fast charging, full charging time<4 hours
Bluetooth	BT5.1 (BLE)
Wi-Fi	IEEE 802.11 a/b/g/n/ac 2.4G/5G support fast roaming
WWLAN	5G-NR N1/N3/N28A/N41/N77/N78/N79 FDD-LTE B1/B2/B3/B5/B7/B8/B28A TDD-LTE B34/B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA BC0/BC1
GPS positioning module	GPS+BD+GLONASS
Audio	Dual stereo speakers; Volume 90db±3db (testing distance: 10cm)
Sensor	Geomagnetism, acceleration, optical distance
Interface	1*Nano SIM card slots; 1*Nano SIM/TF card slots; 1*Micro SD card slot, up to 256G; USB TYPE-C interface, support OTG, support fast charging 5V/9V 1.67A; bottom charging contact connectors
Button	16*buttons (1*power button, 2*audio buttons, 1*scanning button, 12 number buttons)
Notification	Sound, vibration, LED prompt
Operating temperature	-20°C~+55°C
Storage temperature	-30°C~+70°C
Operating humidity	5%~95%
IP Class	IP67
Drop test	Six sides can stand the impact of 1.5m drop to concrete floor
ESD	±15kV Air Discharge, ±8kV Contact Discharge
Certificates	CCC, ROHS, CE, UN38.3, IP67 report, 1.5m drop test report air and sea shipment report, MIL-STD-810G
NFC	Supported protocol: ISO14443A/B, ISO15693; reading distance: 0~5cm
Barcode scanning supported code system	Newland CM60 EAN13, EAN8, UPCA, UPCE, Code 128, Code 39, Codabar, UCC/EAN128, RSS,ITF, ITF14, ITF6, ISSN, ISBN, Standard 25, Matrix 25,Industrial 25,Plessey, MSI Plessey, Code 11, Code 93, PDF417, QR Code, DataMatrix, AZTEC, Hanxin code, Maxicode, Micro QR, Micro PDF417, Composite
RFID(optional)	Protocol standard: ISO18000-6C protocol Working frequency: China (920-925MHz,840-845MHz) North America (902-928MHz) European frequency (865-867MHz) Antenna parameters: ceramic antenna (1.5dBi) Power: working voltage 3.6V-5V, RF output 5dBm to 30dBm(1W), 1dBm adjustable; Standby power consumption: about 0.25W, maximum 4W(typical 3.5W) Identification range: indoor >12m, outdoor open environment >6m Group read rate: >200 tags per seconds
Fingerprint	Optical fingerprint module