Biometric Rugged Tablet RG80-F1

RYDTECO

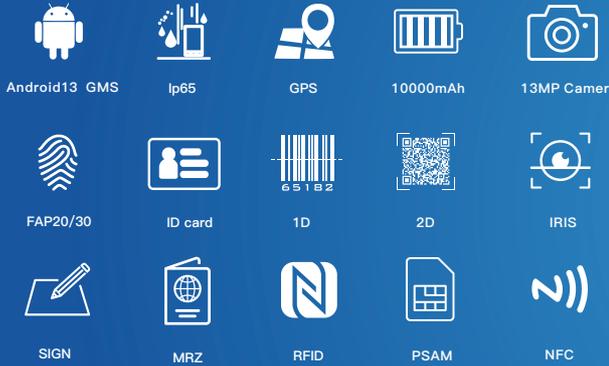|				
Android13 GMS	Ip65	GPS	10000mAh	13MP Camer
FAP20/30	ID card	1D	2D	IRIS
SIGN	MRZ	RFID	PSAM	NFC

Functions

- We passed the certification of the android 13 GMS and ensure various services and software to be able to use Google.
- Have the ability to complete rapid fingerprint capture with optical FAP20/FAP30 fingerprint sensor.
- 10000mAh battery, 12-15 hours of machine endurance.
- IP65 high protection level, in accordance with MIL-STD-810G.
- Support GPS, Glonass, more accurate positioning.
- Rear 13 million pixel camera, easy to collect images and video information.
- Built in NFC,1D/2D,MRZ,IRIS,IC CARD and other functional modules to meet the application needs of multiple industries.

Physical Characteristics

1. Fingerprint	7. Flash Light	13. USB Port	19. PSAM Card Slots
2. NFC	8. Speaker	14. DC Power Port	20. Lan Port
3. Barcode Scannner	9. Front Camera	15. Type-C Port	21. IC Card Slot
4. Power Button	10. Light Perception	16. SIM Card Slots	22. Wrist Clasp
5. Volume up and down	11. MIC	17. TF Card Slot	
6. Rear Camera	12. LED Light	18. Headphone Jack	

Specification Parameter

Basic parameters

Dimension	263 x 160 x 30mm
Weight	device unit 900g
Device Color	black
LCD	8 inch IPS 16:10, 800x1280
Touch Panel	5 point G+FF capacitive touch screen
Camera	Front 5.0MP Rear 13.0MP (Optional Rear 16.0MP)
I/O	USB 2.0 Type- A x 1, USB Type-C (support OTG) x 1, SIM Card x 2, TF Card x 1, Φ3.5mm DC jack x 1 Φ3.5mm standard earphone jack x 1 (Optional), Rj45 Lan x 1(Optional), IC card Reader x 1 (Optional), PSAM Card x 2 (Optional)
Power	AC100V ~ 240V, 50Hz/60Hz, Output DC 12V/1.5A

Data Collection

NFC	Built-in
1D/2D	Laser 1D & 2D Barcode Scanner (NLS-N1) (Optional)
Fingerprint	Suprema BM-Slim3 Suprema BM-Slim2 Futronic FS81 IB Columbo MIAXIS SM-93	Optical FAP20/30 Fingerprint Sensor FBI PIV/ FIPS201 and FBI Mobile ID FAP20/30 Certified 500 PPI Resolution Live Fingerprint Detection.
Smart Card Reader	Supports ISO 7816 – Class A, B and C (Optional)
Contactless Card Reader	13.56MHz NFC, ISO14443 Type A/B, Mifare, ISO18092 compliant (Optional)
PSAM Card	YES (Optional)
IRIS	YES (Optional)
MRZ	YES (Optional)

Performance parameter

Platform	MTK6761 Quad core 2.0Ghz (Optional MTK6765 Octa 2.2Ghz)
OS	Android 13 (Optional Android 10) Passed Google certificated
Memory	4GB+64GB; 6GB+128GB; 8GB+256GB (Optional)
Extend Memory	T-flash Card (256G extend)
FOTA	YES

Battery

Capacity	3.7V/10000mAh
Type	Built in polymer lithium ion battery
Endurance	14hrs (50% volume sounds, 50% brightness, 1080P HD video display by default)

Communication

WIFI	WiFi 802.11 b/g/n/ac
Bluetooth	BT5.0
3G/4G (Optional)	CMCC 4M: LTE B1/B3/B5/B7/B8/B20/B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8
GNSS	Built-in Glonass, Beidou, GPS (Two out of three)

Reliability

Operate Temperature	–20 °C ~ 55 °C
Store Temperature	–30 °C ~ 70 °C
Humidity	95% Non-Condensing
Rugged Feature	IP65 certified, MIL-STD-810G certified
Drop Height	1.22m

Application Range

Various modules and accessories can be selected to meet customers' application in various industries.

National ID

e–Passport

Election

e–KYC

Law Enforcement

Public&Enterprise