

HUGEROCK B101

RUGGED BIOMETRICS TABLET PC

10.1 Inch Thin and Lightweight FAP10 Fingerprint Data Collection and Verification Platform

HUGEROCK B101 Rugged Biometrics Data Collection and Verification Tablet PC is from SOTEN TECH. It has 10.1 inch FHD screen with 1000nit, Sunlight readable, based on a MTK Helio P60 Octa-core processor and 4G communication technology, and 14600 mAh battery. B101 uses titanium aluminum alloy body frame, multiple shell protection design. Use Android system with GMS certification and support Safeuem EDM system. B101 equipped with a new type of compact and thin optical fingerprint sensor with back light in the module. The sensor can acquire a full fingerprint image at one touch. It also delivers superior quality image which has effectively more than 32768 grayscale resolutions in every pixel. B101 can be applied to security, justice, inspection, entry-exit, notarization, banking, securities, hotels, social security, education, transportation, place registration, personnel recruitment, and other application environments that need to verify the biological characteristics of personnel.



1000NIT
FHD Display



14600mAh
Polymer Battery



MIL-810G
Drop-proof 1.2m



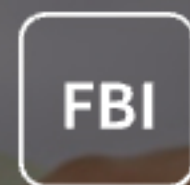
Helio P60 A73
12nm FinFET



Google
GMS



Mobile Device
Management
By Safeuem



FBI
Certification



ROHS
Certification



HUGEROCK-B101
Tools for Biometrics

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APPEARANCE



SPECIFICATION

Model: B101

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	8GB	2G Band	GSM (B2/3/5/8)
Internal Memory	128GB	3G	WCDMA 3.75G (HSDPA+42.2Mbps, HSUPA+11.5Mbps)
External Memory	Micro SD card (T-FLASH card), max 2TB	3G Band	WCDMA(B1/2/5/8)
Main Camera	13.0MP(AF) with flash led	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps , 50Mbps up
Sub Camera	5.0MP	4G Band	TDD-LTE (B38/39/40/41); FDD LTE (B1/2/3/4/5/7/8/12/17/20/28)
Battery	14600mAh	WI-FI	Dual-band WIFI(2.4GHz/5Ghz)single stream 802.11 a/b/g/n/ac
Display	10.1 inch IPS/AFFS 1920*1200 FHD 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/ TF Card	Nano SIM card * 2, Micro SD card * 1 (Choose any two out of three)	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
Charging Port	Type-C & 8PIN magnetic charging	Waterproof	Class 5 (IEC 60529)
Data interface	USB Type-A (Host)*2, Type-C*1	Dustproof	Class 6 (IEC 60529)
RS232	Uses 5pin micro USB interface, including one GPIO port	Operating temperature	-20°C to 55°C
Gravity Sensor	support	Storage Temperature	-40°C to 80°C
Magnetic Field Sensor	support	Reliability	MTBF>5000h: MTTR<0.5h
Motion Sensor	support	RH	5% to 95% (95%RH, non-condensing)
Gyro sensor	support	Operating Altitude	Max: 4,500 m (15,000 feet)
Light-sensor	support	Certification/OS/Software	
Acceleration Sensor	support	Certification	3C/FCC/CE/ROHS/IP65 (IEC 60529)
Charger	5.0V 3A-15W	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)		
Appearance		OS	Android 9/10/11/13 (Continuous Update)
Size	320*210*12mm (L×W×H)	Package/Warranty terms	
Weight	1320g	Warranty	24 Months (12-month Battery Warranty)
Color & Material	Gray (Titanium alloy+ABS+PC+TPU)	Package	USB Cable/Charger/Introduction Manual/Screen protector/Packing box/Magnetic Charging Cable/ Precautions Card/ Hand strap

FUNCTION MODULES

NFC		Fingerprint Module	
Protocol standard	ISO14443A/B, ISO15693, NFC	G2010 Fingerprint Module	Grayscale: 32768
Label standard	M1(S50, S70), CPU, NFC		FAP10, 508 dpi, 8 bit, 256X360,
Read-write distance	2-5cm		FBI MINEX III (NIST Certification)
			RoHS Certification
			9H Sapphire Scratch Resistant Layer

PRODUCT CONFIGURATION

Order Number	Module			
	Fingerprint Module	NFC Module	Recommend	
				
	G2010	NFC		
05121062	●	●	*	