

HUGEROCK B70 Version:2021

RUGGED BIOMETRICS TABLET PC

HUGEROCK B70 Rugged Biometrics Data Collection and Verification Tablet PC is from SOTEN TECH. It has 7-inch HD screen with 1000nit, Sunlight readable, based on a MTK Helio P60 Octa-core processor and 4G communication technology, and 10000 mAh battery. Use Android system with GMS certification and support Safeuem EDM system. B70 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. B70 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.



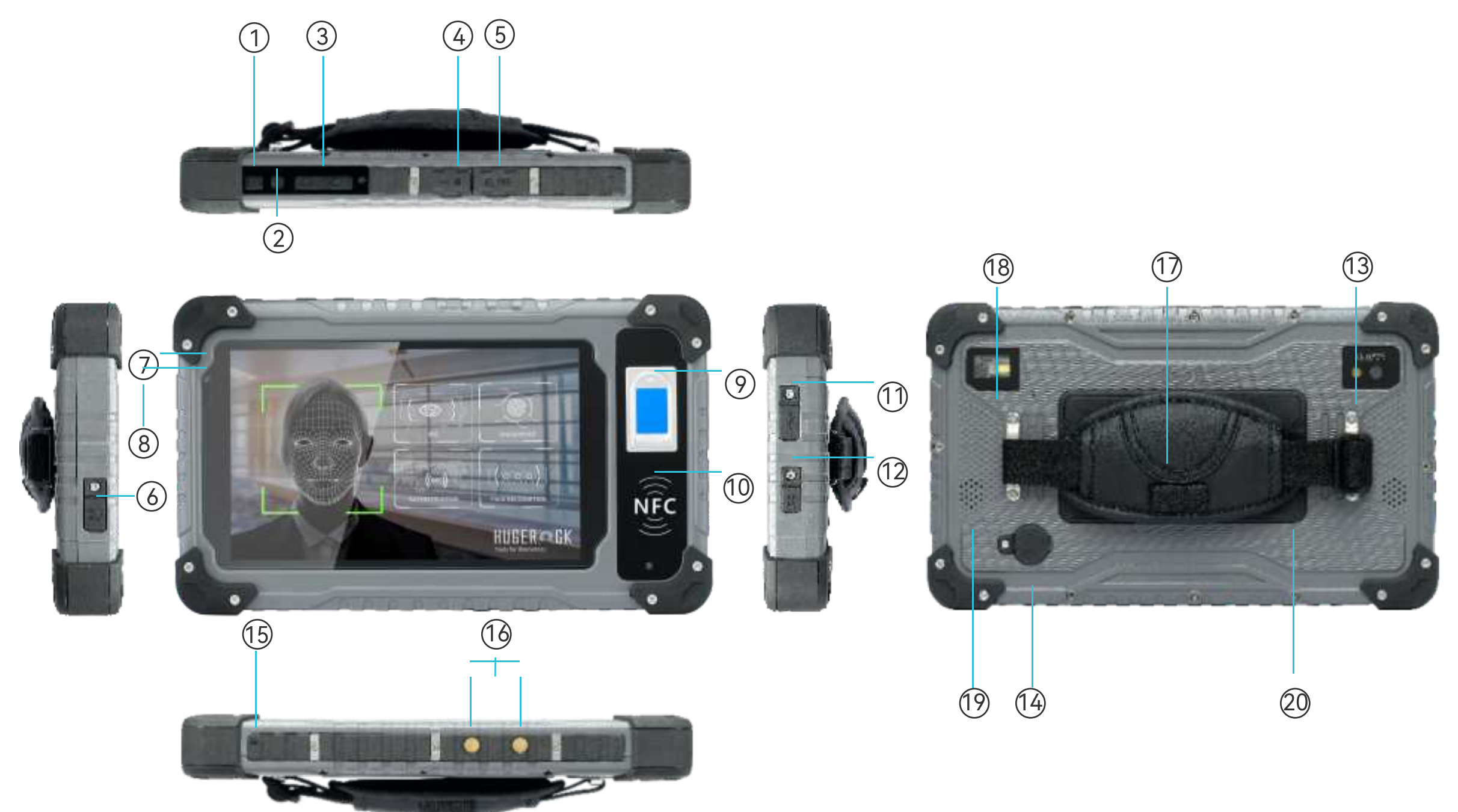
- RUGGED**
And reliable
- POWERFUL**
Full function
- 10000mAh**
Polymer battery
- MIL-810G**
Drop-proof 1.5m
- Helio P60 A73**
12nm FinFET
- Google**
GMS
- MDM**
Mobile Device Management by Safeuem
- FBI**
Certification
- RoHS**
Certification



HUGEROCK-B70
Tools for Biometrics

Shenzhen SOTEN Technology Co., LTD
ADD: 10F, B#2, Piovon Research Building, No. 5158 Shahe West Road, Nanshan, Shenzhen, China 518055
Phone: +86(0755)-61885156 61827963 Fax: +86(0755)-61827963
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APPEARANCE



- 1. Power button
- 2. Reset button
- 3. Volume up and down
- 4. TF-card (Sealed Cover)
- 5. SIM-card (Sealed Cover)
- 6. Handset Jack (Sealed Cover)
- 7. Sub camera
- 8. Light sensor
- 9. Fingerprint
- 10. NFC
- 11. Type-c (Sealed Cover)
- 12. DC-Type (Sealed Cover)
- 13. Main camera
- 14. Type-A (Sealed Cover)
- 15. MIC
- 16. Pogo in
- 17. Hand bandage
- 18. Barcode Scanner (optional)
- 19. Speaker
- 20. Nameplate



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SPECIFICATION

Model:B70

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 + 11.5Mbps), EVDO
External Memory	Micro SD card (T-FLASH card), max 256GB	3G Band	WCDMA (B1/2/5/8), Evdo: BCO/BC1 CDMA: BCO/BC1
Main Camera	13.0MP(AF) with flash led	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink, 50Mbps uplink
Sub Camera	5.0MP	4G Band	TD-LTE (B38/39/40/41); FDD LTE (B1/2/3/4/5/7/8/12/17/20/28)
Battery	10000mAh	WI-FI	Dual-band WIFI (2.4GHz/5Ghz) single stream 802.11 a/b/g/n/ac
Display	7 inch IPS/AFFS 1280*720 HD industrial 1000nit Sunlight Readable	Bluetooth	4.2 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	1.8/3.3V SIM card	Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
TF Card	Micro SD card (T-FLASH card); max 256GB	Waterproof	Class 5 (IEC 60529)
Headphone	3.5mm (CTIA)	Dustproof	Class 6 (IEC 60529)
Data interface	USB Type-A(Host)*1, Type-C(OTG)*1	Storage Temperature	-40°C to 80°C
Charging interface	Type-C+2pin pogo pin: DC 5V (direct battery charging)	RH	5% to 95%
Direction Sensor	support	Operating Altitude	Max: 4,500m (15,000 feet)
Gravity sensor	support	Certification/OS/Software	
Magnetic Field Sensor	support	Certification	3C/FCC/CE/ROHS/IP65 (IEC 60529)
Motion sensor	support	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.
Rotation Vector	support	OS	Android 10.0 / Android 11.0
Light-sensor	support	Package/Warranty terms/OEM	
Acceleration sensor	support	Warranty	24 months
Charger	5.0V 2A-10W	OEM/ODM	Support
Navigation	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	Package	USB cable/Charger 5V 2A/Introduction manual/Screen protector/Packing box (Can be customized logo) /Aircraft box/Toolkit (optional)
Appearance			
Size	237*137*29mm (L×W×H)		
Weight	780g		
Color & Material	Gray (PC+ABS)		



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FUNCTION MODULES

HF RFID/NFC		The fingerprint module	
Frequency	13.56MHz	Thin film optical fingerprint sensor	grayscale: 32768
Protocol standard	ISO14443A/B, ISO15693, NFC		FAP10, 500 dpi, 8 bit, 256X360.
Label standard	M1(S50, S70), CPU, NFC		FBI MINEX III (NIST Certification)
Read-write distance	2-5cm		RoHS Certification
Data Collection			
Scanning engine	Newland N1		
1D	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, ETC.		
2D	Code39, Code128, PDF417, MicroPDF417, DataMatrix, Composite, RSS, TLC-39, QR code, Micro QR code, Aztec, MaxiCode, Postal Code; US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, etc.		

PRODUCT CONFIGURATION

Order number	Module			
	The fingerprint module	RFID Module	Barcode module	recommend
B70110	•	•		•
B70111	•	•	•	



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