

HUGEROCK B70

RUGGED BIOMETRICS TABLET PC

7 Inch FAP10 Fingerprint Data Collection and Verification Platform

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



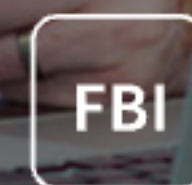
Helio P60 A73
12nm FinFET



Google
GMS



MDM
Mobile Device
Management
By Safeuem



FBI
Certification



RoHS
Certification



HUGEROCK-B70
Tools for Biometrics

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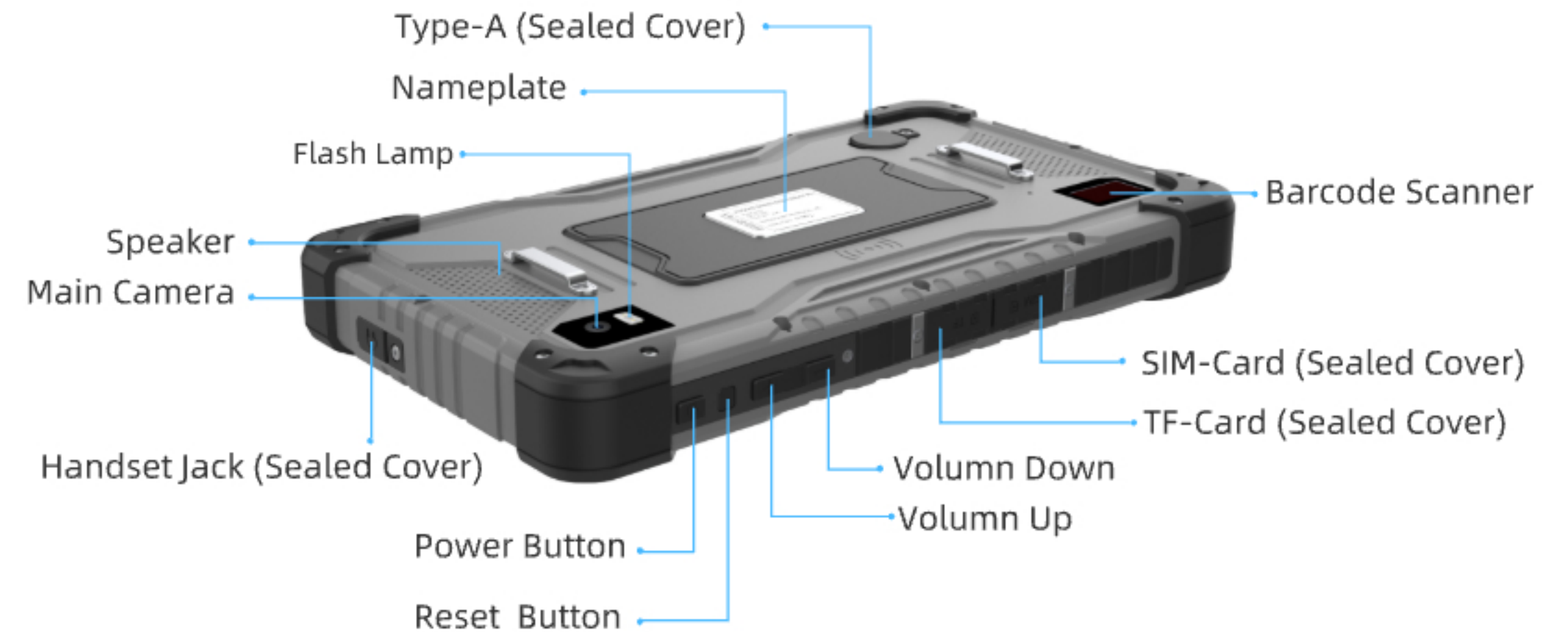
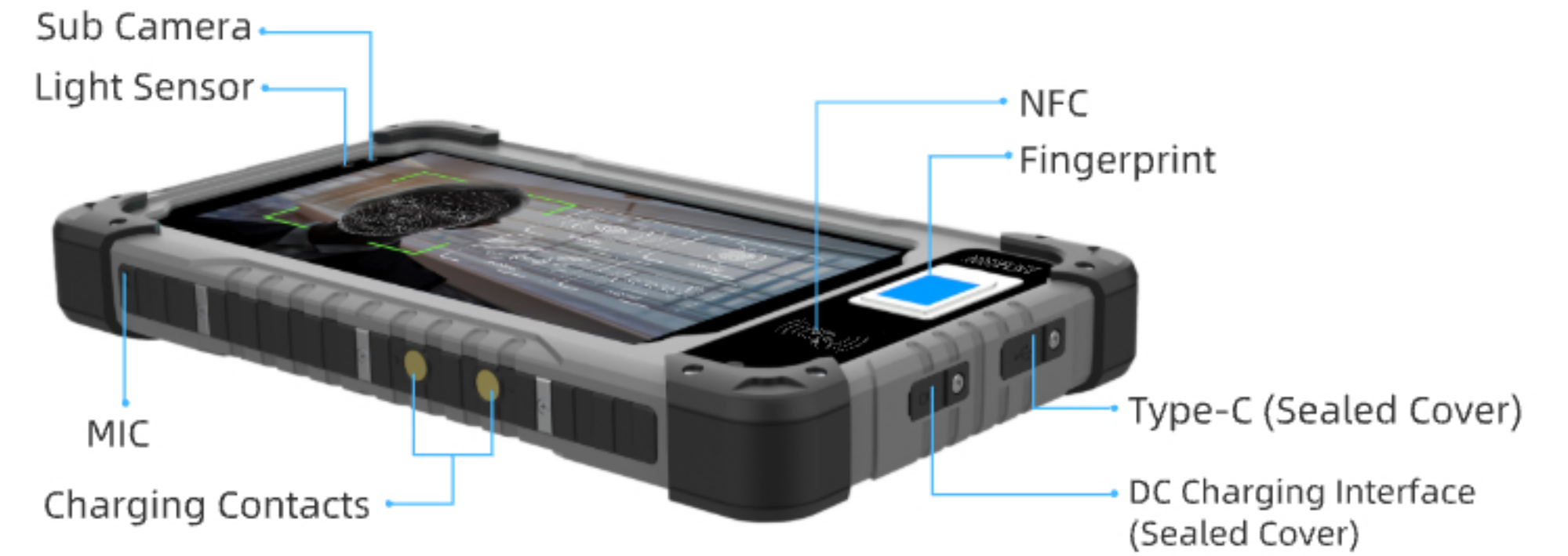
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APPEARANCE



SPECIFICATION

Model: B70

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,B2,B3,B4,B5,B7,B8,B12,B17,B20,B28)
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	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	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 2TB	Waterproof	Class 6 (IEC 60529)
Headphone	3.5mm (CTIA)	Dustproof	Class 6 (IEC 60529)
Charging Interface	Type-C & Pogo Pin & DC 5V (Direct Battery Charging)	Operating Temperature	-20°C to 55°C
Data Interface	USB Type-A (Host)*1, Type-C*1	Storage Temperature	-40°C to 80°C
Gravity Sensor	Support	Reliability	MTBF>5000h; MTTR<0.5h
Geomagnetic Sensor	Support	RH	5% to 95% (95%RH, non-condensing)
Gyroscope Sensor	Support	Operating Altitude	Max: 4,500m (15,000 feet)
Rotation Vector Sensor	Support	Certification/OS/Software	
Ambient Light Sensor	Support	Certification	3C/FCC/CE/ROHS/IP66 (IEC 60529)
Acceleration 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.
Charger	5.0V 2A-10W	OS	Android 9/10/11/13 (Continuous Update)
Navigation	GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)	Package/Warranty terms	
Appearance		Warranty	24 Months (12-month Battery Warranty)
Size	237*137*29mm (LxWxH)	Package	USB Cable/Charger/Introduction Manual/Screen protector/Packing box/DC charging cable/ Precautions Card/ Hand strap
Weight	780g		
Color & Material	Gray (PC+ABS) +Black (TPU)		

FUNCTION MODULES

NFC		Fingerprint Module	
Protocol standard	ISO14443A/B, ISO15693, NFC	G2010	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			
	Module 1	Module 2	Recommend	
				
	NFC	G2010 Fingerprint		
05121056	●	●	*	