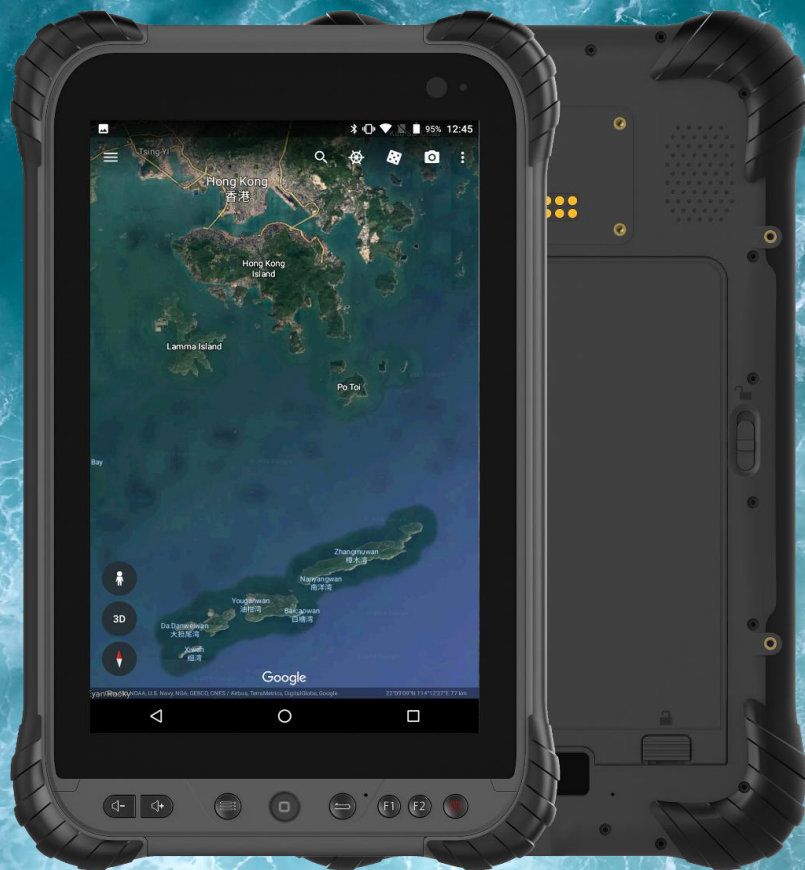




ZOOMSMART A8004

RUGGED TABLET PC

8 Inch Rugged Multi-function Mobile Computer



**ALL-mode
Full Bands**



**TMS
E20**



**Android OS
13GMS**



**9000MAH
Safety Battery**



**8MP+32MP
Camera**



**IP67
(IEC 60529)**



**8GB RAM
256GB ROM**

Quick View



SPECIFICATION

Model: A8004

Hardware		Communications & Networking	
CPU	Qualcomm® Snapdragon SM4350 2×A76 + 6×A55 2.0GHz	2G	GSM/EDGE/GPRS/WAP
GPU	Adreno™ 619	3G	WCDMA 3.75G (HSDPA+42.2Mbps, HSUPA+11.5Mbps)
RAM	8GB	3G Band	WCDMA(B1/2/5/8)
Internal Memory	256GB	4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps , 50Mbps up
External Memory	Micro SD card (T-FLASH card), max 1TB	4G Band	TDD-LTE (B34/B38/39/40/41); FDD LTE (B1,B2,B3,B4,B5,B7,B8,B12,B17,B20,B28)
Main Camera	16.0MP(AF) with flash led	5G NR	N1 / N3 / N28 / N41 / N78 / N79
Sub Camera	8.0MP	NFC	13.56 MHz ISO/IEC14443, ISO/IEC15693, MIFARE, Felica, Read distance: 3-5cm
Battery	9000mAh (Replaceable battery)	Wi-Fi	Dual-band WIFI (2.4 GHz + 5 GHz) 802.11 a/b/g/n/ac, WiFi 6-ready
Display	8 inch IPS/AFFS FHD 1200 x 1920 / Corning Gorilla 3 / Light transmittance: over than 95%	BT	5.1 Low Energy (LE)
Touch Panel	capacitive multi-touch interface for use with glovesand in wet conditions	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	Dropproof /IK	MIL-STD-810G, Method 516.6 Procedure IV & Touch Panel IK05
Charging interface	Qualcomm® Quick Charge™ Type-C & 14pin pogo pin(magnetic) UART/USB/CAN/DCIN/GPIO/USB2.0	Waterproof	Class 7 (IEC 60529)
Data interface	Type-C(OTG)*1	Dustproof	Class 6 (IEC 60529)
Gravity Sensor	Support	Operating temperature	-20 °C to 60 °C (-4 °F to 140 °F) MIL-STD-810G, Method 501.5/502.5 Procedure II
Gyroscope Sensor	Support	Storage Temperature	-30 °C to 70 °C (-22 °F to 158 °F) MIL-STD-810G, Method 501.5/502.5 Procedure I
Accelerometer Sensor	Support	Reliability	MTBF>5000h: MTTR<0.5h
Ambient Light	Support	RH Humidity	0% ~ 95% (non-condensing) MIL-STD-810G, Method 507.5 Procedure II
Proximity	Support	Operating Altitude	4,572 m (15,000 ft) MIL-STD-810G, Method 500.5 Procedure I
Geomagnetism	Support	Certification/OS/Software	
Charger	QC3.0	Certification/OS/Software	FCC/CE/ROHS/IP68 (IEC 60529) Google Mobile Service
Navigation	GPS+Beidou+Glonass+Galileo+AGPS+SBAS	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
Appearance			
Size	235mm ×146mm × 13mm (9.3" × 5.7" × 0.5") (L×W×H)	OS	Android 13GMS (Continuous Updates)
Weight	630g (22.2 oz)		
Color & Material	Black, Aluminum alloy (PC+ABS, Sabik)	Package/Warranty Terms/OEM	
		Warranty	12 Months (6-month Battery Warranty)
		OEM/ODM	Supported
		Package	USB cable, Adapter, Screen protector, Packing box(Customizable LOGO optional), cleaning cloth (cotton), QSG, Cushioning foam.

OPTIONAL MODULES

Biometric fingerprint		GNSS Positioning Module	
Receiver type	Optical fingerprint sensor	Module	High-precision multi-mode GNSS positioning module(meter-level RTD)
Collection Window size	21.0×26.0 mm	Signal (tracking frequency)	BDS: B1I, B2I, B3I, B1C, B2a, B2b GPS: L1 C/A, L1C, L2P (Y), L2C,L5 GLONASS: G1, G2, G31 Galileo: E1, E5a, E5b, E6. QZSS: L1, L2,L5
Image pixel & Resolution	400×500 pixel / 500dpi		
Data Collection			
Scanning engine	Newland Barcode module	Channel	1408-channel
2D	QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, Hanxin code, Dotcode, Composite.	Single-point positioning accuracy	1.0 m CEP50 (with SBAS); 1.5 m CEP50 (without SBAS)
1D	Code 128 (ISBT 128, AIM 128, GSI 128), EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN, Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GSI DataBar, Plessey, Febraban.	RTD Accuracy	1.0 m CEP (with RTD)
		Nav. update rate	5 Hz / 10Hz / 20Hz / 50Hz optional
		Cold start	25 s
Warmth sensation		Hot start	2 s
Temperature pressure sensor		Aided start	2 s
UHF RFID Reader		Positioning accuracy	0.01M+1ppm CEP
UHF RFID Module/ Antenna	Air Interface Protocol: EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C Operating Spectrum Range: 902Mhz – 928Mhz, 865MHz – 868MHz(Option) Output Range: 0-26 dBm Output Accuracy: +/- 1dB Output Power Level: +/- 0.2dB Tag recognition is sensitive and stable. Read Distance : 2-3m(2dB Antenna Test Card E41)	Data Format	NMEA 4.10, UBX binary, RTCM 3.3
		Inertial navigation	none
		More optional upgrade	
		Ublox ZED-F9P GNSS module Honeywell 6703 2D scanning Can-Bus	

