

# AGRICULTURAL DISPLAY



It is an all-in-one tablet designed for professional needs. This tablet features a 10.1-inch 1000 nits sunlight-readable screen. The overall design complies with the IP67 (IEC60529) waterproof rating, allowing it to operate reliably in harsh outdoor environments. It is powered by a powerful Octa-core 1.8GHz processor and an 64-bit Adreno 506 GPU, which supports OpenGL ES 3.1 rendering. Built-in multiple communication modules and a professional high-precision GNSS/RTK module, enabling centimeter-level accurate positioning. The device includes abundant interfaces, such as CAN Bus, serial ports, video input, GPIOs, among others. It also has multiple robust connectors that can be customized according to specific requirements. The device is rugged and reliable design to meet diverse professional fields like agriculture, mining, special vehicles, etc. We offer comprehensive development documentation including SDK, user manuals, and flexible customization services to streamline software development and deployment.



# FEATURES

We offer hardware and system customized design and integration service for the high quality demand market.



## High Brightness Screen

With 1000 nits high brightness screen, readable in sunlight environments.



## Real-time Communication

Built-in Wi-Fi, Bluetooth, GNSS, 4G functions. Easily track and manage the equipment status.



## Rich Interfaces

With CANBUS, RS232, video in, RJ45, GPIO etc. extended interfaces for connecting peripheral devices.



## Glove Mode Wet Mode

Support customizing glove touch or rainwater touch, providing excellent responsiveness and user experience without needing to remove gloves.



## Mobile Device Management

Integrated with MDM software, which is convenient for users to control the equipment status in real time and carry out remote control and management.



## ISO 7637-II

Complied with ISO 7637-II standard transient voltage protection. Withstand up to 174V 300ms vehicle surge impact. Support DC8-36V wide voltage power supply.



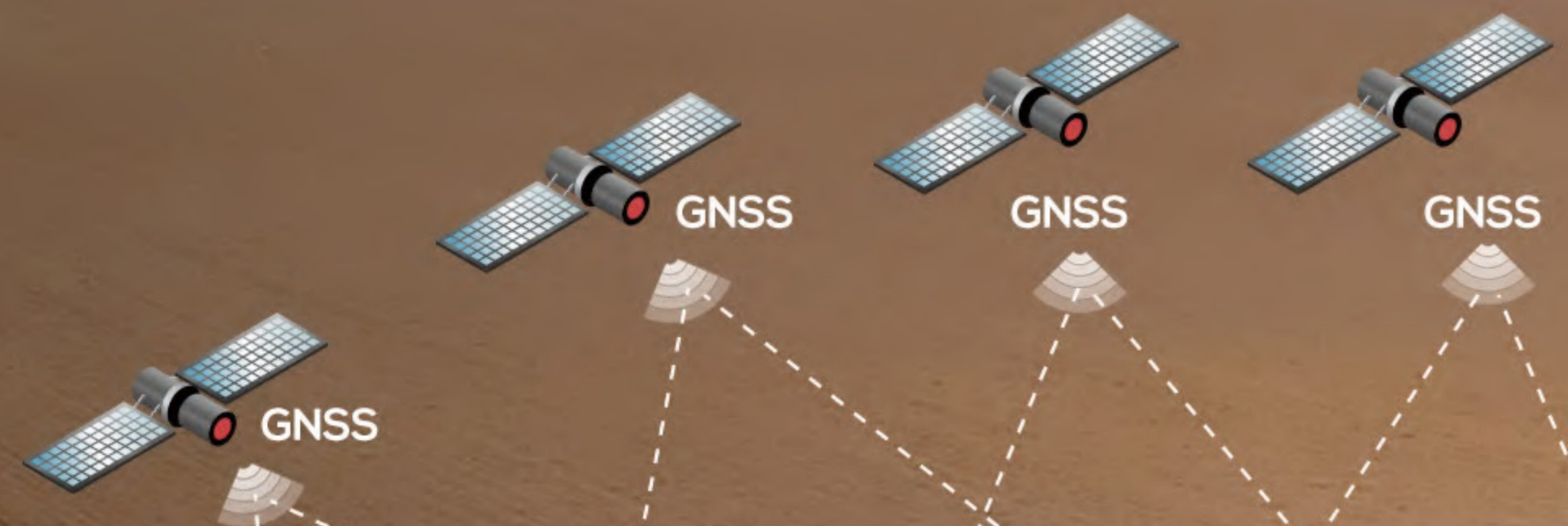
## OEM & ODM

Support system customization and user applications development.



## Reliable Technical Support

Experienced R&D team with effective technical support.



# HIGH-ACCURACY POSITIONING

With high-precision navigation technologies, the working accuracy can reach  $\pm 2.5\text{cm}$ .



# RTK CORRECTIONS

1 BASE STATION (RADIO)

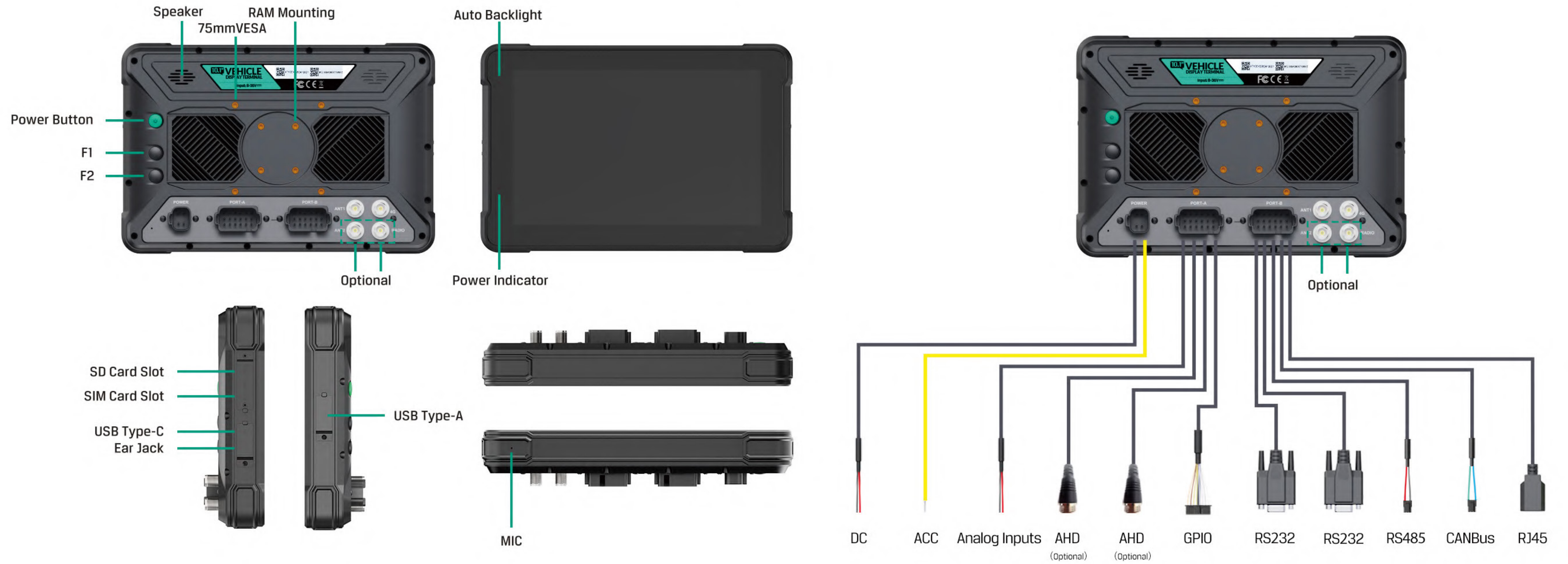


2 CORS NETWORK

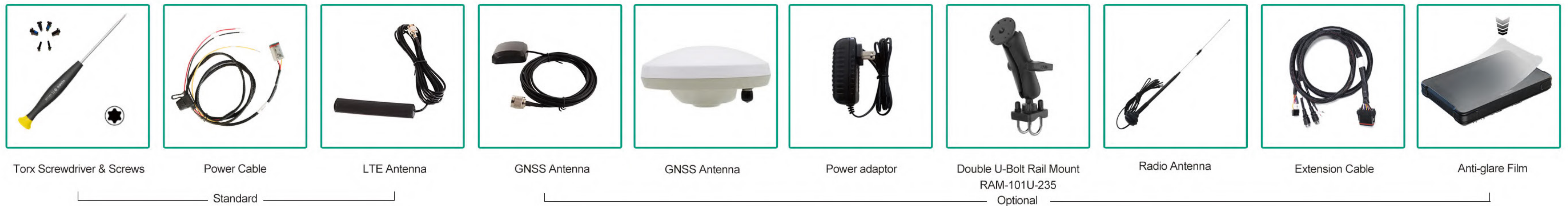


# SPECIFICATIONS

<b>SYSTEM</b>	CPU	Qualcomm Cortex-A53 64-bit Octa-core Processor, 1.8GHz
	GPU	Adreno 506 Support OpenGL ES3.1
	Operating System	Android 9.0
	RAM	2 GB LPDDR3 (Default) / 4GB(Optional)
	Storage	16 GB eMMC (Default) / 64GB(Optional)
	Storage Expansion	Support Micro SD up to 512 GB
<b>RF COMMUNICATION</b>	Bluetooth	4.2 BLE
	WLAN	IEEE 802.11 a/b/g/n/ac; 2.4GHz/5GHz
	Mobile Broadband	LTE, HSPA+, UMTS, EDGE, GPRS, GSM (Data and Voice)
	GNSS	Standalone: 2.5m CEP
		RTK(Optional): 2.5 cm+1 ppm Horizontally 2.5 cm+1 ppm Vertically
	Radio(UHF)	Optional
<b>FUNCTIONAL MODULE</b>	LCD	10.1 inch HD (1280×800), 1000cd/m <sup>2</sup> higher brightness, Sunlight readable
	Touchscreen	Multi touch capacitive touchscreen (Wet mode and glove mode are customizable.)
	Sound	Build-in speaker 2W, 8Ω 90dB
		Internal Microphones
	Interfaces	Type-C, Compliant with USB 3.0 (For data transfer; Support OTG)
		USB (TYPE-A)
Headset Jack × 1		
Sensors	Acceleration sensors, Ambient Light Sensor, Compass	
<b>PHYSICAL CHARACTERISTICS</b>	Power	DC 8-36V (ISO 7637-II Compliant)
	Physical Dimensions (W×D×H)	273 × 183 × 49 mm
	Weight	1.6KG
<b>ENVIRONMENT</b>	Vibration Test	MIL-STD-810G
	Dust Resistance Test	IP6x (IEC60529)
	Water Resistance Test	IPx6 & IPx7 (IEC60529)
	Operating Temperature	-20°C ~ 65°C (-4°F ~ 149°F)
	Storage Temperature	-30°C ~ 70°C (-22°F ~ 158°F)
<b>INTERFACE</b>	RS232	× 2
	RS485	× 1
	ACC (Ignition)	× 1
	CANBUS	CAN 2.0b × 2
	GPIO	Input × 4, Output × 4
	RJ45 (10/100)	× 1
	Analog Input	× 1 ( Measure Voltage Range: 0~30V)
	AHD Input(Optional)	× 2 (1080P)



## Accessories



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