TABLET
RUGGED • RELIABLE • READY

www.3Rtablet.com | sales@3Rtablet.com

Note: due to constant effort to improve products and product features, specifications may change without notice.

TABLET
RUGGED • RELIABLE • READY

Professional Intelligent Vehicle

Telematics Device Manufacturer

www.3Rtablet.com

RUGGED TABLET | AT-10AL | AT-10A

10.1 inch rugged tablet, supports 3D graphic display and monitor the working and positioning status of agricultural machinery in real time.

NEW

In-Vehicle Tablet

AT-10AL

SCREEN	10.1 Inch IPS Panel
BRIGHTNESS	1000nits
OS	**Yocto**
CPU	NXP i.MX 8M Mini, ARM® Cortex®-A53
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
POWER	Comply with ISO7637-II
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
BATTERY	10F supercapacitor
INTERFACES	Type-C, USB 2.0, CAN, GPIOs, RS232, RS485, RJ45 etc.

NEW

In-Vehicle Tablet

AT-10A

SCREEN	10.1 Inch IPS Panel
BRIGHTNESS	1000nits
OS	Android 9.0
CPU	Octa-core processor 1.8Hz
TOUCH	Capacitive touch
COMMUNICATION	LTE/WIFI/BT
GNSS	RTK 2.5CM CEP (Optional)
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
INTERFACES	USB(TYPE-A), CANBus, RS232, RS485, RJ45, Analog input, I/Os etc.

RTK BASE STATION AND GNSS RECEIVER
AT-R2 | AT-B2

AT-R2 is a GNSS receiver and AT-B2 is a RTK base station, both of which adopt built-in high-precision centimeter-level GNSS positioning module for precision agriculture.

RTK Receiver
AT-R2

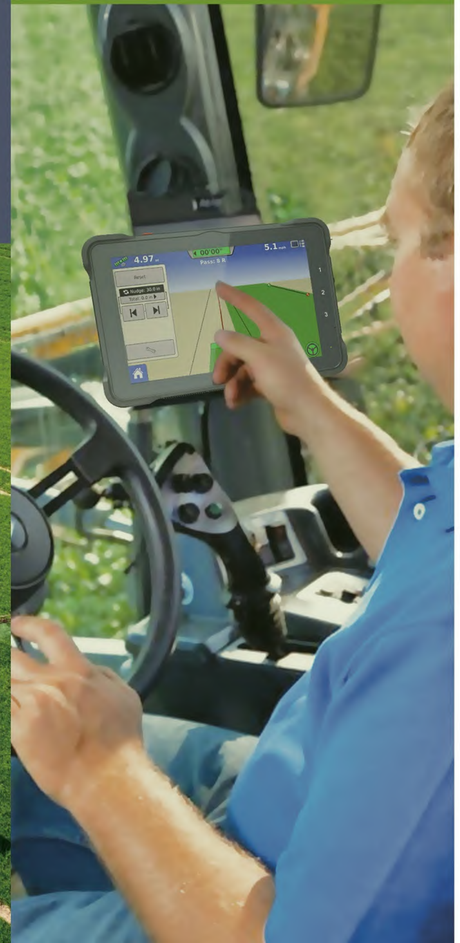
ACCURACY (RTK)	Horizontally: 2.5cm+1ppm, Vertically: 3cm+1ppm
POSITION DATA UPDATE RATE	1-10Hz
SENSOR	IMU (Three axis accelerometer, three axis gyro, three axis magnetometer (Compass). (Optional)
UHF RECEIVE SENSITIVITY	Over-115dBm, 9600bps
FREQUENCY	410-470MHz
UHF PROTOCOL	SOUTH, TRIMATLK, TRANSEOT, TRIMMARK3, etc.
AIR COMMUNICATION RATE	4800, 9600, 19200
TRANSMIT DISTANCE	3-5km (Typical)
COMMUNICATION	BT5.2
IP RATING	IP66 and IP67

RTK Base Station
AT-B2

DATA FORMAT	RTCM3.2
UHF POWER TRANSMIT	High 30.2 ±1.0dBm, Low 27.0 ±1.2dBm
BATTERY	10000mAh Li-ion battery; 72Wh; 7.2V
FREQUENCY	410-470MHz
UHF PROTOCOL	SOUTH, TRIMATLK, TRANSEOT, TRIMMARK3, etc.
AIR COMMUNICATION RATE	4800, 9600, 19200
TRANSMIT DISTANCE	3-5km (Typical)
COMMUNICATION	BT5.2
IP RATING	IP66 and IP67

RUGGED TABLET | AT-10AL | VT-10 IMX

10 inch rugged tablet with NXP i.MX processor, powered by Linux system, supports rich functions to improve efficiency of precision agriculture.



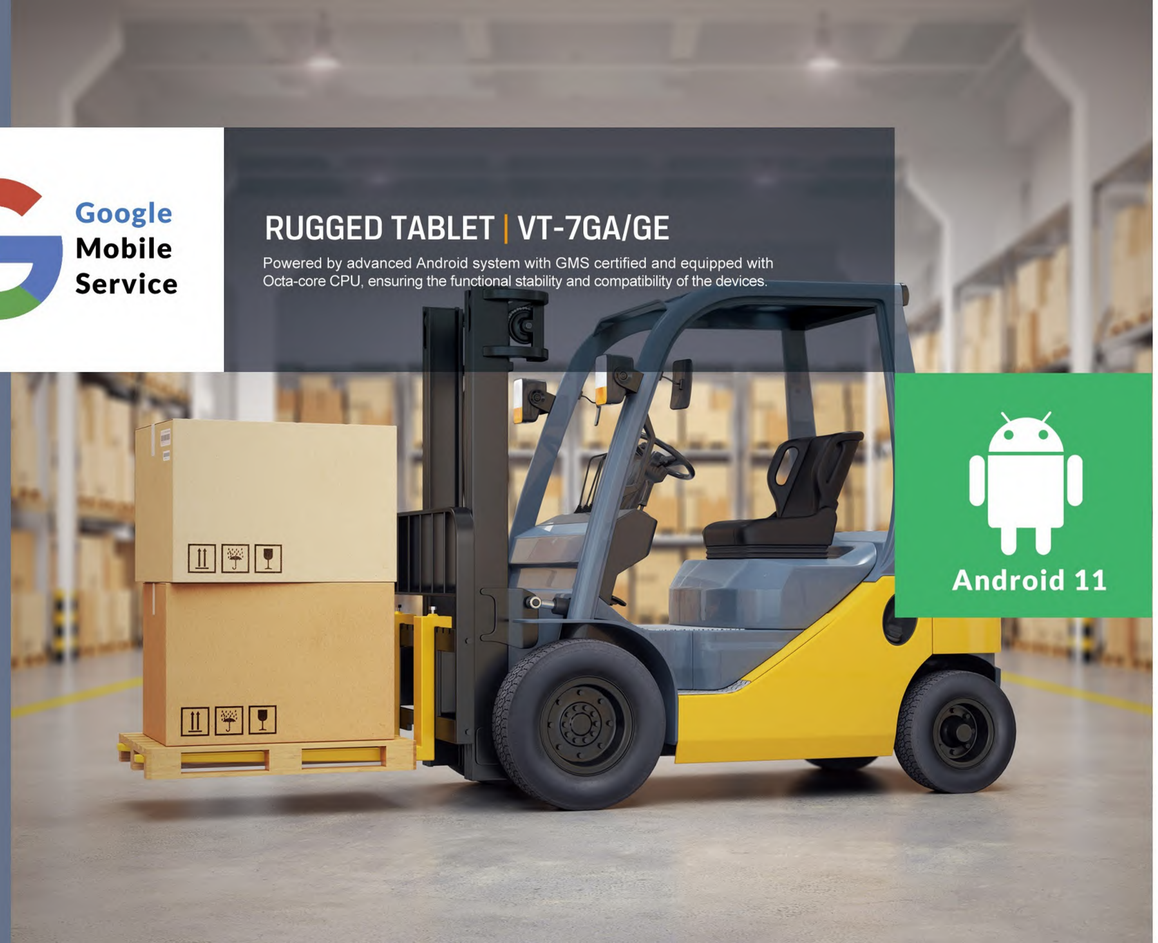
NEW

In-Vehicle Tablet
AT-10AL

SCREEN	10.1 Inch IPS Panel
BRIGHTNESS	1000nits
OS	Yocto
CPU	NXP i.MX 8M Mini, Cortex-A53
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
POWER	Comply with ISO7637-II
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
BATTERY	10F supercapacitor
INTERFACES	Type-C, USB 2.0, CAN, GPIOs, RS232, RS485, RJ45 etc.

In-Vehicle Tablet
VT-10 IMX

SCREEN	10.1 Inch IPS
BRIGHTNESS	1000nits
OS	Linux Debian 10
CPU	NXP i.MX 8M Mini, Cortex-A53
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
POWER	Comply with ISO7637-II
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
BATTERY	3.7V, 8000mAh Li-ion, removable
INTERFACES	Type-C, USB 2.0, CANBus, I/Os, RS232, RS485, RJ45 etc.



Google Mobile Service

RUGGED TABLET | VT-7GA/GE

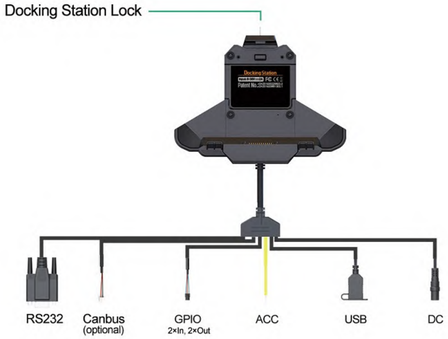
Powered by advanced Android system with GMS certified and equipped with Octa-core CPU, ensuring the functional stability and compatibility of the devices.

Android 11

In-Vehicle Tablet

VT-7 GA/GE | Google Mobile Service

SCREEN	7 Inch IPS Panel
BRIGHTNESS	800nits
OS	**Android 11.0**
CPU	Octa-core processor 2.0GHz+1.5GHz
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
BATTERY	3.7V, 5000mAh Li-ion, removable
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
INTERFACES	Type-C, Type-A, USB2.0, CANBus, RS232 etc.



Customization Optional:

RUGGED TABLET | VT-7AL| VT-7A

Powered by advanced Android system with GMS certified and equipped with Octa-core CPU, ensuring the functional stability and compatibility of the devices.

NEW

In-Vehicle Tablet
VT-7AL

SCREEN	7 Inch IPS Panel
BRIGHTNESS	800nits
OS	**Yocto**
CPU	Quad-core processor 2.0Hz
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
POWER	Comply with ISO7637-II
BATTERY	DC9-36V, 5000mAh Li-ion, removable
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
INTERFACES	USB3.1, RS232, GPIOs, CANBus, RS485, RJ45 etc.

NEW

In-Vehicle Tablet
VT-7A

SCREEN	7 Inch IPS Panel
BRIGHTNESS	800nits
OS	**Android 12.0**
CPU	Quad-core processor 2.0Hz
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
POWER	Comply with ISO7637-II
BATTERY	DC9-36V, 5000mAh Li-ion, removable
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
INTERFACES	Type-C, J1939, OBD-II, CANBus, I/Os, RS232, RS485, RJ45 etc.

RUGGED TABLET | VT-7 PRO | VT-7 PRO AHD

Vehicle AHD AI solution

Based on professional AI algorithm software, the ADAS and DMS functions improve the driving safety and efficiency of the fleet management.

In-Vehicle Tablet

VT-7 Pro

SCREEN	7 Inch IPS Panel
BRIGHTNESS	800nits
OS	Andrid 9.0
CPU	Octa-core processor 1.8GHz
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
BATTERY	3.7V, 5000mAh Li-ion, removable
IP RATING	IP67
POWER	Comply with ISO7637-II
VIBRATION	Comply with MIL-STD-810G
INTERFACES	Type-C, USB 3.0, J1939, OBD-II, CANBus, I/Os, RS232, RS485, RJ45 etc.

In-Vehicle Tablet

VT-7 Pro AHD

SCREEN	7 Inch IPS Panel
BRIGHTNESS	800nits
OS	Andrid 9.0
CPU	Octa-core processor 1.8GHz
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
BATTERY	3.7V, 5000mAh Li-ion, removable
IP RATING	IP67
POWER	Comply with ISO7637-II
VIBRATION	Comply with MIL-STD-810G
INTERFACES	4*AHD Camera Inputs, RS232, USB, GPIO, ACC etc.

4-CH AHD Camera (optional)

4 x AHD 720P Camera inputs, real-time monitoring, and video recording

DMS & ADAS (optional)

Driver Monitoring System and Advanced Driver Assistance Systems make driving safer

ADAS: Advanced Driving Assisting System.

- Lane Departure Warning
- Forward Collision Warning
- Headway Monitoring Warning

DMS: Driver Monitoring System.

- Driver ID Management
- Fatigue Warning
- Yawning Warning
- Camera Block Warning
- Mouth Block Warning
- Smoking Warning
- Distraction Warning
- Calling Warning
- Driver Abnormality

RUGGED TABLET | VT-10 PRO | VT-10 PRO AHD

Vehicle AHD Solution

10.1 inch rugged tablet with 1000 nits high brightness and 4 channel AHD camera inputs, improve operation safety in harsh environments.

In-Vehicle Tablet

VT-10 Pro

SCREEN	10.1 Inch IPS Panel
BRIGHTNESS	1000nits
OS	Andrid 9.0
CPU	Octa-core processor 1.8GHz
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
READER	Fingerprint Reader (optional)
SCANNER	1D/2D barcode scanner (optional)
BATTERY	3.7V, 8000mAh Li-ion, removable
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
INTERFACES	Type-C, USB 3.0, J1939, OBD-II, CANBus, I/Os, RS232, RS485, RJ45 etc.

In-Vehicle Tablet

VT-10 Pro AHD

SCREEN	10.1 Inch IPS Panel
BRIGHTNESS	1000nits
OS	Andrid 9.0
CPU	Octa-core processor 1.8GHz
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/WIFI/BT
BATTERY	3.7V, 8000mAh Li-ion, removable
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
INTERFACES	4*AHD Camera Inputs, RS232, USB, GPIO, ACC etc.

4-CH AHD Camera (optional)

4 x AHD 720P Camera inputs, real-time monitoring, and video recording

DMS & ADAS (optional)

Driver Monitoring System and Advanced Driver Assistance Systems make driving safer

ADAS: Advanced Driving Assisting System.

- Lane Departure Warning
- Forward Collision Warning
- Headway Monitoring Warning

DMS: Driver Monitoring System.

- Driver ID Management
- Fatigue Warning
- Yawning Warning
- Camera Block Warning
- Mouth Block Warning
- Smoking Warning
- Distraction Warning
- Calling Warning
- Driver Abnormality

VEHICLE TABLET | VT-5A | VT-5

5 inch thin and light tablet with Android 12 system offers a comprehensive developing environment for independent application programming and system integration.

In-Vehicle Tablet

VT-5A

SCREEN	5 Inch IPS Panel
OS	**Android 12.0**
CPU	Quad-core processor 2.0Hz
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/Wi-Fi/BT
POWER	Comply with ISO7637-II
CAMERA	Rear 8.0 MP
BATTERY	5F supercapacitor
INTERFACES	USB, CANBus, I/Os, RS232, RS485 etc.

In-Vehicle Tablet

VT-5

SCREEN	5 Inch IPS Panel
OS	Android 7.1.2
CPU	Quad-core processor 1.1GHz
TOUCH	Capacitive touch
COMMUNICATION	GPS/LTE/ Wi-Fi /BT
POWER	Comply with ISO7637-II
CAMERA	Rear 8.0 MP
BATTERY	3.7V, 1650mAh Li-ion, removable
INTERFACES	USB, CANBus, I/Os, RS232, RS485 etc.

INTELLIGENT TRACKING SOLUTION | VT-BOX | VT-BOX-II

VT-BOX is an Intelligent Vehicle Telematics Terminal with Android OS and wire/wireless communication.

VT-BOX-II is a new upgraded vehicle telematics terminal powered by Android 12 operating system.

Intelligent Vehicle Telematics Terminal
VT-BOX

OS	Android 7.1
CPU	Qualcomm Quad-core, 1.1GHz
LTE	Cat4,150M DL/50M UL
GNSS	GPS/GLONSS
IP RATING	IP67/69K
VIBRATION	Comply with MIL-STD-810G
INTERFACES	GPIO, ACC, Analog inputs, RS232, CAN Bus (250k/500k) etc.

Intelligent Vehicle Telematics Terminal
VT-BOX-II

OS	**Android 12.0**
CPU	Qualcomm Quad-core, 2.0 GHz
LTE	Cat4,150M DL/50M UL
GNSS	GPS/BeiDou/GLONASS/Galileo/QZSS/SBAS
IP RATING	IP67
VIBRATION	Comply with MIL-STD-810G
INTERFACES	GPIO, ACC, Analog input, RS232, RS485, CAN Bus, PWM etc.

MOBILE DEVICE MANAGEMENT

Remote View & Control

Remotely access and troubleshoot a device without being onsite.
- Save travel and overhead cost
- Support more devices, easier and faster
- Reduce device downtime

Alerting System

Always stay ahead of the game - create alert triggers and receive notifications when something critical happens to your devices, so you can respond to events faster.
The triggers include data usage, online/offline status, battery usage, device temperature, storage capacity, device movement, and more.

Effortless Device Monitoring

The traditional way of checking up devices one by one no longer works for today's modern businesses. This is an intuitive dashboard and powerful tools to show everything you need:
- The most recent device screens
- Monitor data usage to prevent surging costs
- Health indicators - online status, temperature, storage availability, and more
- Download and analyze reports for improvements

All-Around Security

With a library of security measures that ensure data and device security.
- Advanced data encryption
- Two-step verification to authenticate logins
- Remotely lock and reset devices
- Limit user access to apps and settings
- Ensure secure browsing

Easy Deployment & Bulk Operations

For enterprises deploying many devices, it's crucial to quickly provision and enroll devices in bulk. Instead of individually setting up devices, IT admins can:
- Flexible enrollment options, including QR code, serial number, and bulk APK
- Edit device info in bulk
- Send notifications to device groups
- Bulk file transfer
- Quick installation for large deployment

Device & Browser Lockdown (Kiosk Mode)

With Kiosk Mode, you can restrict user access to apps, websites, and system settings in a controlled environment. Lockdown devices to prevent unnecessary use and increase device security:
- Single and multi-app mode
- Secure browsing with website whitelist
- Customizable device interface, notification center, app icons, and more
- Black Screen Mode

App Management Service (AMS)

App Management Service is a zero-touch app management solution that doesn't require deep IT knowledge. Instead of manual update, the entire process is fully streamlined and automatic.
- Automatically deploy apps and updates
- Monitor update progress and result
- Silently install apps by force
- Create your own enterprise app library

Geofencing & Location Tracking

Track location and path history of onsite vehicles and personnel. Set up geofences to trigger notifications when a device enters or exits the geofenced area.
- Monitor device movement
- See your assets in one place
- Improve route efficiency

Products undergo Standard Tests

Quality Assurance | Best Attention

1. Raw material inspection
2. Product inspection
3. Salt spray test
4. High/low temperature test
5. Vibration test
6. Water-proof test
7. Dust-proof test
8. Electrostatic Discharge(ESD) test
9. Lightning surge protection test
10. EMC/EMI test
11. Disturbance power test .....

Internet OF VEHICLE

3Rtablet is a globally leading manufacturer of solutions for IOV (Internet of Vehicle) , products renowned for reliability durable and robust. With 18+ years of expertise, we collaborate with top brand globally. Our robust products line includeing IP67 Vehicle-mounted Tablets, Agriculture Displays, On-board Computers, Intelligent Vehicle Telematics Terminal, and RTK Base Station and Receiver. Offering OEM/ODM services, we customize products to meet specific needs.

3Rtablet has a strong R&D team, in-depth engaging technology, and more than 57 hardware and software engineers with rich industry experience providing professional and efficient technical support.

Guided by values of innovative technology, completed solutions, friendly products, excellent quality and professional services to continuously improve its product quality and customer satisfaction.

OEM & ODM SERVICE

In order to meet the market's demand and provide the suitable solution, 3Rtablet offers board level and system level customized design and integration service for the high quality demand market. We have the experience, capability, and R&D resources to make any OEM/ODM integration a glowing success.
3Rtablet is an extremely versatile manufacturer with the ability to bring your concepts and ideas into viable solutions. We work with world-renowned supplier, from concept to finish, in a highly focused effort to bring industry level products and excellent services to you.

CORE ADVANTAGES

- Self-Owned Lab instruments are available to perform extreme tests in different conditions.
- Small quantity to support Pilot-Run for customers to perform functionality test and quality check.
- Over 57 engineers with more than 10 years of experience in electronic industry.
- Support Branding party to obtain regional and country-entry certifications.
- Over 30 years experiences in dealing with transnational corporation to deliver OEM/ODM projects.
- Remote support could be provided within 24 hours.
- 2 modernized SMT lines and 7 production lines in our factory.
- With professional technical support, strict quality control system and self-owned factory.

ISO
ISO 9001 Certified

35,000+
35000 Square Meters

18+
18+ Years of Experience in Telematics Solutions

20-33K
20-33K pcs Monthly Manufacturing Capacity

2+7
2 SMT Lines + 7 Production Line

11
11 Testing Procedures