



[Manuals.plus](#) /

> [sincoole](#) /

> Sincoole Rugged Tablet ST11 Instruction Manual

## **sincoole ST11**

# **Sincoole Rugged Tablet ST11 Instruction Manual**

Model: ST11

## **INTRODUCTION**

---

This manual provides essential information for the proper setup, operation, and maintenance of your Sincoole Rugged Tablet ST11. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

## **SETUP**

---

### **1. Unboxing and Initial Inspection**

Carefully unpack all components from the box. Verify that the following items are included:

- Sincoole Rugged Tablet ST11
- Vehicle Mount
- Charger
- Hand Strap
- Screen Protector

Inspect the tablet and accessories for any signs of damage. If any items are missing or damaged, contact customer support immediately.



**Figure 1:** Angled rear view of the Sincoole Rugged Tablet ST11, demonstrating the tablet securely attached to its vehicle mount.

## **2. Charging the Battery**

Before first use, fully charge the tablet's Li-ion battery using the provided charger. Connect the charger to the tablet's power port and a suitable power outlet. The charging indicator will show the charging status. A full charge typically takes several hours. The tablet features a 6000mAh/7.6V rechargeable battery, providing an average life of 10 hours under normal usage conditions. The battery is accessible via a removable rear cover for service.

## **3. Inserting SIM/TF Cards**

Locate the expansion slot for the SIM card and TF card. Carefully insert your SIM card for cellular connectivity and a TF (Micro SD) card for expandable storage (supports up to 512 GB).

## **4. Initial Power On and Operating System Setup**

Press and hold the Power button until the device powers on. The tablet comes pre-installed with either Windows 10 Pro or Windows 11 Pro. Follow the on-screen instructions to complete the initial operating system setup, including language selection, network connection, and user account creation.

# OPERATING INSTRUCTIONS

## 1. Device Overview and Controls

Familiarize yourself with the physical layout of your tablet. The diagram below illustrates key components and controls.



**Figure 2:** Diagram illustrating the dimensions, ports, and button layout of the Sincoole Rugged Tablet ST11. Key features include volume controls, barcode scanner button, power button, programmable buttons, USB 3.0 ports, RJ45, RS232, HDMI, and a removable battery rear cover.

- **Volume Buttons:** Adjust audio output.
- **Barcode Scanner Button:** Activates the integrated 1D/2D scanner.
- **Power Button:** Powers the device on/off or puts it to sleep.
- **Programmable Buttons:** User-configurable for quick access to functions.
- **USB 3.0 Ports:** For connecting peripherals and data transfer.
- **RJ45 Port:** For wired Ethernet network connection.
- **RS232 Port:** For serial communication with industrial equipment.
- **HDMI Port:** For connecting to external displays.
- **Audio:** Integrated speaker and two microphones.
- **Cameras:** Front 5.0MP and Rear 13.0MP cameras.

## 2. Display and Touch Panel

The tablet features a 10.1-inch display with a resolution of 1200x1920 pixels and 500 nits brightness. The multi-touch panel supports operation with gloves and wet hands, enhancing usability in various industrial environments.



**Figure 3:** Front view of the Sincoole Rugged Tablet ST11, showcasing its 10.1-inch display with a Windows desktop interface, mounted on a vehicle stand.

### 3. Data Collection (1D/2D Scanner)

The integrated 1D/2D scanner allows for efficient data capture. To use the scanner, activate it via the dedicated barcode scanner button or through software. Aim the scanner at the barcode until a successful scan is indicated.

### 4. Wireless Connectivity

- **Wi-Fi:** Supports 802.11 a/b/g/n/ac (2.4G+5G) dual-band for high-speed wireless networking. Access Wi-Fi settings through the Windows operating system to connect to available networks.
- **4G LTE:** Provides cellular data connectivity. Ensure a valid SIM card is inserted and configured for your network provider.
- **Bluetooth:** Version 4.2 for connecting wireless peripherals such as headphones, keyboards, and mice.
- **GNSS:** Integrated GPS/AGPS, GLONASS, and BeiDou for accurate location services.

## MAINTENANCE AND CARE

---

### 1. Cleaning the Device

Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaning solution to clean the tablet's screen and body. Avoid using harsh chemicals or abrasive materials that could damage the device.

### 2. Battery Care

To prolong battery life, avoid exposing the tablet to extreme temperatures. For long-term storage, charge the battery to

approximately 50% and store the device in a cool, dry place. The battery is designed for user serviceability via a removable rear cover.

### 3. Environmental Considerations

The ST11 Rugged Tablet is designed to operate in challenging environments. Adhere to the specified operating and storage temperatures:

- **Operating Temperature:** -25°C to 60°C (-4°F to 122°F)
- **Storage Temperature:** -40°C to 70°C (-40°F to 158°F)
- **Humidity:** 5%RH - 95%RH non-condensing

The device is built to withstand multiple 1.5m (4.9ft) drops onto concrete, ensuring durability in industrial settings.



**Figure 4:** Side view of the Sincoole Rugged Tablet ST11, highlighting its robust casing and the attached vehicle mount, demonstrating its rugged design.

This section addresses common issues you might encounter with your Sincoole Rugged Tablet ST11.

## 1. Device Does Not Power On

- Ensure the battery is sufficiently charged. Connect the charger and wait for a few minutes before attempting to power on again.
- Verify the charger is properly connected to both the tablet and a working power outlet.
- If the battery is removable, ensure it is correctly seated.

## 2. Touchscreen Unresponsive

- Restart the tablet.
- Ensure the screen is clean and free from debris or excessive moisture.
- If using gloves, ensure they are compatible with multi-touch screens.

## 3. Wi-Fi or 4G Connectivity Issues

- Check if Wi-Fi or cellular data is enabled in the operating system settings.
- For Wi-Fi, ensure you are within range of a known network and have entered the correct password.
- For 4G, verify that a valid SIM card is inserted and activated, and that you have cellular signal coverage.
- Restart the tablet and/or the network router/modem.

## 4. Barcode Scanner Not Working

- Ensure the scanner is activated, either by pressing the dedicated button or through the relevant application.
- Check that the barcode is clean, undamaged, and properly illuminated.
- Verify that the scanner's settings are correctly configured in the software.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	ST11
Brand	Sincoole
Dimensions	273 x 172 x 20 mm (10.75 x 6.77 x 0.79 inches)
Weight	980g (device unit)
Display Size	10.1 inches
Display Resolution	1200 x 1920 Pixels
Brightness	500 nits
Touch Panel	Multi-touch, supports gloves and wet hands
Operating System	Windows 10 Pro / Windows 11 Pro (Optional)
CPU	Z8350 (as per current product variant)
RAM Memory	8 GB (Installed)
Expansion Storage	TF Card Slot (supports up to 512 GB Micro SD)
Data Collection	1D/2D Scanner

Feature	Specification
Front Camera	5.0 MP
Rear Camera	13.0 MP
Wi-Fi	802.11 a/b/g/n/ac (2.4G+5G) dual-band
4G LTE	B1, B2, B3, B4, B5, B7, B8, B20, B38, B39, B40, B41
Bluetooth	Version 4.2
GNSS	GPS/AGPS, GLONASS, BeiDou
Interfaces	USB3.0*2, RJ45*1, RS232*1, HDMI*1
Audio	Speaker, 2 Microphones
Sensors	Gravity, Light, Proximity, Vibration Motor
Battery Type	Li-ion, rechargeable
Battery Capacity	6000mAh / 7.6V (45.6 Watt Hours)
Battery Life (Average)	10 Hours
Operating Temperature	-25°C to 60°C (-4°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5%RH - 95%RH non-condensing
Drop Specification	Multiple 1.5m (4.9ft) drops to concrete

## SUPPORT AND WARRANTY

---

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your vendor or Sincoole customer support. Refer to your purchase documentation for specific warranty terms and contact information.