

## SHHJCO TG765-XT-C

# SHHJCO TG765-XT-C 7-Inch Touch Panel HMI User Manual

Model: TG765-XT-C

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation of the SHHJCO TG765-XT-C 7-inch Touch Panel Human Machine Interface (HMI). It covers installation, operation, maintenance, and troubleshooting. Please read this manual thoroughly before using the device and retain it for future reference.

The TG765-XT-C is designed for industrial automation and process control applications, offering a user-friendly interface for monitoring and controlling various systems.

## 2. SAFETY INFORMATION

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### Important Safety Instructions:

- Always disconnect power before installation or maintenance.
- Ensure proper grounding to prevent electrical shock.
- Do not operate the device in environments exceeding specified temperature and humidity ranges.
- Only qualified personnel should perform installation and servicing.
- Avoid exposing the touch panel to direct sunlight or strong electromagnetic interference.

## 3. SETUP AND INSTALLATION

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### 3.1 Unpacking

Carefully remove the TG765-XT-C HMI from its packaging. Inspect the device for any signs of damage during transit. Report any damage to your supplier immediately.

### 3.2 Mounting

The HMI is designed for panel mounting. Ensure the mounting surface is flat and stable. Cut an opening in the

panel according to the dimensions provided in the specifications section. Insert the HMI into the opening and secure it using the provided mounting clips.

### 3.3 Wiring and Connections

Connect the power supply to the designated power terminals. Ensure the voltage and current ratings match the device specifications. Connect communication cables (e.g., Ethernet, RS-232, RS-485) to the appropriate ports as required by your application. Refer to the wiring diagram for correct pin assignments.



Figure 1: SHHJCO TG765-XT-C Touch Panel. This image shows the front view of the HMI, highlighting the 7-inch touch screen and its sleek industrial design.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

To power on the device, ensure all connections are secure and apply power to the HMI. The device will boot up and display the configured application. To power off, safely shut down any running applications and then disconnect the power supply.

## 4.2 Touch Screen Operation

The TG765-XT-C features a resistive touch screen. Use a finger or a non-sharp stylus to interact with the interface. Avoid using sharp objects that could damage the screen.

## 4.3 Navigating the Interface

The HMI's interface is application-dependent. Typically, you will navigate through screens by tapping on buttons or menu items. Consult your specific application documentation for detailed navigation instructions.

# 5. MAINTENANCE

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## 5.1 Cleaning

To clean the touch screen and casing, use a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface. Ensure the device is powered off before cleaning.

## 5.2 Firmware Updates

Periodically check the manufacturer's website for firmware updates. Follow the provided instructions carefully when performing updates to ensure proper functionality and to avoid data loss.

# 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Device does not power on.	No power supply; incorrect wiring; faulty power supply.	Check power connections; verify power supply voltage; test power supply.
Touch screen unresponsive.	Screen calibration issue; physical damage; software freeze.	Recalibrate touch screen (if supported by application); inspect for damage; restart device.
Communication error.	Incorrect cable connection; wrong communication settings; device not configured.	Verify cable integrity and connection; check communication parameters (baud rate, parity); ensure HMI and connected device are configured correctly.

If the problem persists after attempting these solutions, please contact SHHJCO technical support.

# 7. SPECIFICATIONS

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Feature	Detail
Model	TG765-XT-C
Screen Size	7 Inch
Type	Touch Panel HMI
Package Dimensions	0.39 x 0.39 x 0.39 inches
Item Weight	1.1 pounds
Manufacturer	SHHJCO

Feature	Detail
Assembly Required	No
Number of Pieces	1

## 8. WARRANTY AND SUPPORT

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### 8.1 Warranty Information

The SHHJCO TG765-XT-C Touch Panel HMI comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product or visit the official SHHJCO website for detailed terms and conditions. This warranty typically covers defects in materials and workmanship under normal use.

### 8.2 Technical Support

For technical assistance, troubleshooting, or inquiries regarding your SHHJCO TG765-XT-C, please contact SHHJCO customer support. Contact information can be found on the official SHHJCO website or in the product packaging.

*Website:* [www.shhjco.com](http://www.shhjco.com) (Example link, replace with actual if available)

*Email:* [support@shhjco.com](mailto:support@shhjco.com) (Example link, replace with actual if available)