

7-Inch Touch Screen

Quick Start Guide

V1.0.0






Foreword

General

This manual introduces the functions and operations of 7-Inch Touch Screen (hereinafter referred to as the "Device").

Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
 DANGER	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
 CAUTION	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable results.
 TIPS	Provides methods to help you solve a problem or save time.
 NOTE	Provides additional information as a supplement to the text.

About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the

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paper user manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.

- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation.
- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

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Important Safeguards and Warnings

This section introduces content covering the proper handling of the device, hazard prevention, and prevention of property damage. Read carefully before using the device, and comply with the guidelines when using it.

Operation Requirements



- Please make sure to use this product indoors.
- Operation temperature: -20 °C ~ 60 °C.

Storage Requirements



- Avoid direct sunlight and moisture. Please use in a dry environment.

Installation Requirements



- Before using this device, an adapter driver needs to be installed on the host side.
- Driver download URL:
<https://www.synaptics.com/products/displaylink-graphics/downloads>
- The host and device are connected through a USB cable.
- This device needs to be fixed with a bracket for installation.

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Maintenance Requirements



- If there is dirt on the surface of the touch screen during use, please wipe it with a dust-free cloth dipped in an appropriate amount of alcohol.
- If there is poor display or touch, please do not easily open the back cover to avoid product damage. Please contact the seller for processing.

1 Product Overview

1.1 Product Introduction

This 7-inch touch screen uses the DL165 chip from Display Link as the main chip. The entire device only needs to be connected to the host through a USB data cable to achieve display and control of the secondary screen. It supports multiple systems such as Android, Windows, Linux, MacOS, etc.



Product appearance

1.2 Product Feature

Specification		
Number	category	parameter
1	Size	7" TFT -LCD
2	Resolution	800×480
3	Luminance	300cd/m ²
4	Contrast Ratio	1000:1

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5	View Angles	maximum 60° from horizontal (+/- 30° from vertical)
Touch LCD Screen		
Number	category	parameter
1	Touch Screen	P-CAP
2	Touch Type	Capacitive
3	Touch points	10 points
4	Surface	AG
5	Surface hardness	≥6H
Interfaces		
Number	category	parameter
1	IO Port	1*USB-B 2.0
2	lock	1*Kensington Security Slot
Power		
Number	category	parameter
1	Power Input	Power supply over USB (5V/1A)
Features		
Number	category	parameter
1	Operating system	Android、Windows、Linux、MacOS、Google OS
Physical Properties		
Number	category	parameter
1	Enclosure Color	Black (RAL7016)
2	Installation	Desktop
3	IP Rate	IP 41
4	IK Rate	IK 05
5	Dimension	180.3mm x 112.3mm x 26 mm (L x W x H)

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6	Weight	450g
Environmental		
Number	category	parameter
1	Operation Temp	-20 °C ~ +60 °C
2	Storage Temp	-20 °C ~ +70 °C
Certification		
Number	category	parameter
1	Certification	CE

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2 Installation or Configuration

2.1 Driver Download

Driver download URL:

<https://www.synaptics.com/products/displaylink-graphics/downloads>

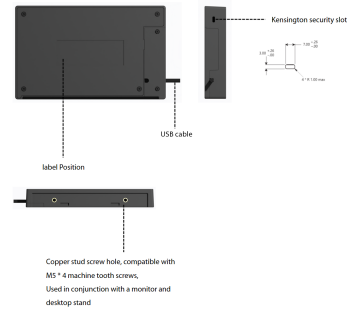


Individual installer

According to the actual system usage on the host side, the corresponding adapter driver needs to be downloaded from the Display Link official website and installed on the host side before it can be used.

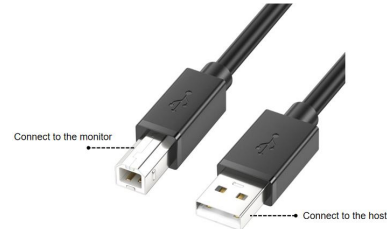
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2.2 Installation



2.3 Connect Using

The host and device are connected through a USB cable.



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Appendix 1 FAQ

1. The device does not respond to touch.

By checking if the correct driver is installed on the host side.

2. The device is not displaying.

Follow the steps below to troubleshoot.

Step 1: Check if the driver is installed correctly.

Step 2: Check if the USB port on the host is damaged.

Step 3: Check if the USB port on the host is 5V1A output.

Step 4: Check if there are cracks or damages on the external screen of the device.

Step 5: Check if the device interface is loose.

Step 6: Check if there is any abnormal noise inside the device.

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Appendix 2 Management

1. Anti theft Management

Connect the Kensington Tong lock to the device to prevent theft

2. Installation Management

Install and fix by displaying the bottom and back lock holes and brackets

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