

7-Inch Vehicle Touch Screen User's Manual

Version 1.0.0

Welcome

Thank you for purchasing our product!

This user's manual is designed to be a reference tool for your system.

Please read the following safeguard and warnings carefully before you use this series product!

Please keep this user's manual well for future reference!

Important Safeguards and Warnings

1. Electrical safety

All installation and operation here should conform to your local electrical safety codes.

We assume no liability or responsibility for all the fires or electric shock caused by improper handling or installation.

2. Transportation security

Heavy stress, violent vibration or water splash are not allowed during transportation, storage and installation.

3. Installation

Do not apply power to the product before completing installation.

Always follow the instruction guide the manufacturer recommended.

4. Qualified engineers needed

All the examination and repair work should be done by the qualified service engineers.

We are not liable for any problems caused by unauthorized modifications or attempted repair.

5. Environment

This series product does not have the waterproof capability. It is for indoor use only.

This series product should be installed in a cool, dry place away from direct sunlight, inflammable, explosive substances and etc.

Please keep it away from the electromagnetic radiation object and environment.

Please keep the sound ventilation.

Do not allow the water and other liquid falling into the product.

6. Daily Maintenance

Please shut down the device and then unplug the power cable before you begin daily maintenance work.

Always use the dry soft cloth to clean the device. If there is too much dust, please use the water to dilute the mild detergent first and then use it to clean the device. Finally use the dry cloth to clean the device.

7. Accessories

Be sure to use all the accessories recommended by manufacturer.

Before installation, please open the package and check all the components are included.

Contact your local retailer ASAP if something is broken in your package.

Table of Contents

1	General Introduction.....	1
1.1	Front Panel.....	1
1.2	Cable Connection.....	1
1.3	Bracket Installation (Optional).....	3

1.4 Touch Screen Function.....4
2 Specifications.....5

1 General Introduction

1.1 Front Panel

The front panel is shown as below. See Figure 1- 1.



Figure 1- 1

Please refer to the following sheet for detailed information.

Icon	Function	Icon	Function
	Touch screen on-off button		Snapshot button
	Touch screen indicator light The indicator light is on when the touch screen is working.		Brightness button. There are five levels (1 to 5).
	Menu button. Click to call menu interface.		Decrease volume
	Exit button. Click to go back to previous interface.		Increase volume

1.2 Cable Connection

Please refer to Figure 1-2 for cable connection information.

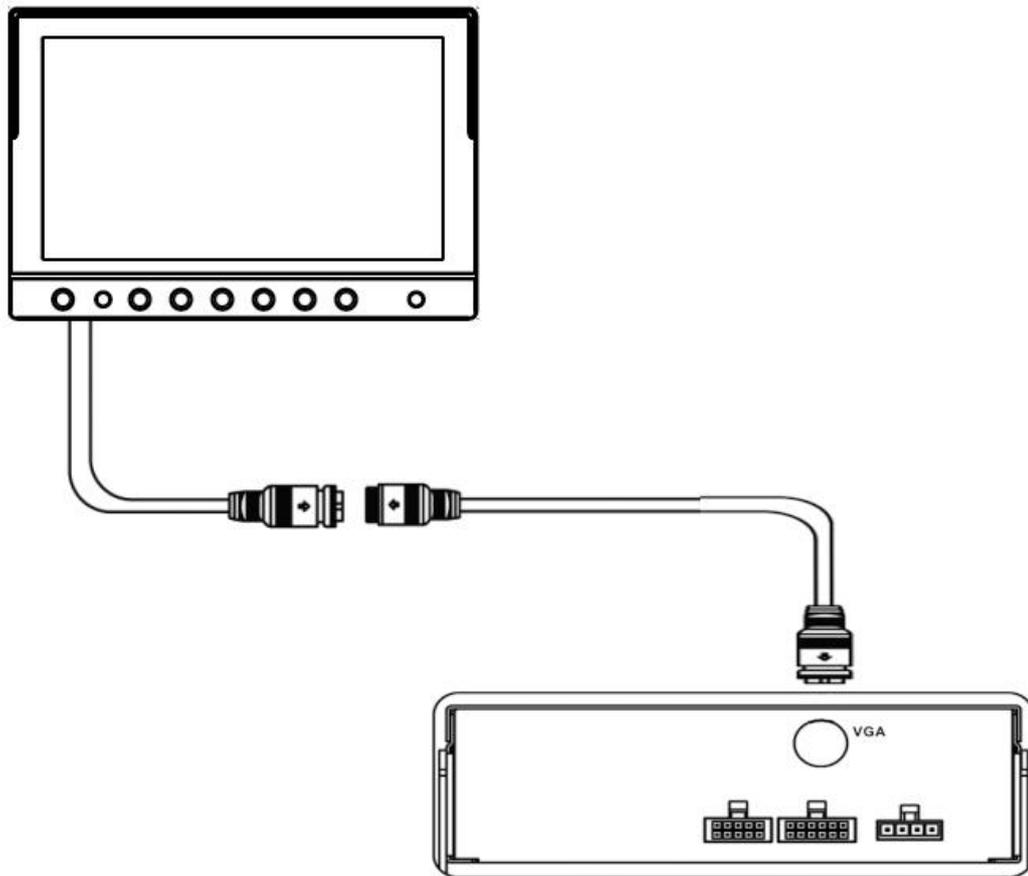


Figure 1-2

Connect the cable of the touch screen (10-pin aviation cable) to the VGA port of the mobile DVR/NVR. See Figure 1-3.

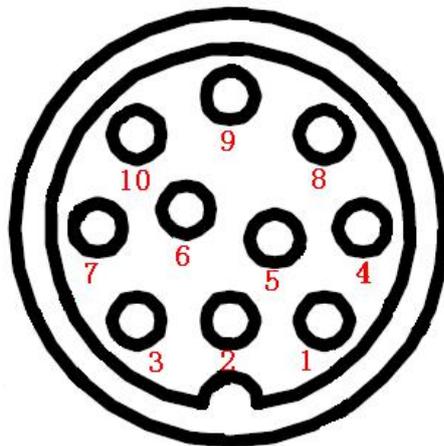


Figure 1-3

Please refer to the following sheet for detailed information.

Pin SN	Function	Pin SN	Function
1	12V+	6	VGA_B
2	GND	7	VGA_R
3	VGA_G	8	Uart_TX

Pin SN	Function	Pin SN	Function
4	Uart_RX	9	VGA_BS
5	Audio_In	10	VGA_VS

1.3 Bracket Installation (Optional)

Please follow the steps listed below for bracket installation information.

- a) Take the touch screen and the bracket out of the box. See Figure 1-4.



Figure 1-4

- b) Line up the bracket to the concave of the monitor. See Figure 1-5.



Figure 1-5

- c) Move the bracket along the slider to the proper position. See Figure 1-6.



Figure 1-6

- d) Turn the black nut clockwise to secure the bracket. See Figure 1-7.



Figure 1-7

1.4 Touch Screen Function

Please refer to the following contents.

- Tap to control: Tap the button or the window on the screen to set or operate.
- Hand gesture to control: In 1-window mode, if it is the PTZ camera, use one hand to move up/down/left/right to control the PTZ. Use zoom in/zoom out hand gesture to control the PTZ focus and zoom rate (Make sure the connected device supports these function).

2 Specifications

Please refer to the following sheet for specification information.

	Name	Specifications
System	Resolution	1024*600
	Video Input	VGA input (1024*768, 1024*600, 800*600, 800*480)
	Operation Mode	Multitouch to control, button control.
	Touch Screen Type	Capacitive screen, 10 touch point to control. Hand gesture slides, zoom in/zoom out.
	Button Amount	7
	Power Protection Circuit	Misconnect power positive and negative end will not result in device damage.
	Audio	1-channel audio input (5Vpp) Speaker output (8Ω 1W)
General	Voltage	DC 12V±10%
	Power Consumption	≤6W (At the highest brightness status)
	Working Temperature	-20℃ ~ +65℃
	Working Humidity	0~90%
	Air Pressure	86kpa—106kpa
	Net Weight	450g
	Screen Dimensions(mm)	181.4mm×121.6mm×27.7mm
	Default Cable Length (mm)	1000mm

Note

- This user's manual is for reference only. Slight difference may be found in user interface.
- All the designs and software here are subject to change without prior written notice.
- All trademarks and registered trademarks mentioned are the properties of their respective owners.
- If there is any uncertainty or controversy, please refer to the final explanation of us.
- Please visit our website for more information.