



Quadripartite Blind Area Monitoring System

Quick Start Guide

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Preface

The purpose of this section is to make sure the user can use the product correctly in this manual to avoid risky operation or property damage. Before using this product, please read the product manual carefully and keep it for future reference.

Overview

This manual is applicable to the quadripartite monitoring system. It is used to guide you in the basic installation and operation of the quadripartite monitoring system.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Note	Description type text, which indicates the supplement and interpretation of body text.
 Caution	Please pay attention to text type, which means to remind the user of important operations, or to prevent potential injury and property damage.
 Warning	Warning type text indicates potential risk. If not avoided, it may cause injury, damage to device, or service interruption.
 Danger	Hazardous text indicates high potential risk. If not avoided, it may lead to serious risk of loss of human life.

Safety Instructions

Warning

- During device installation and use, the electrical safety regulations of the country and area of use should be strictly observed.
- To avoid heat build-up, please keep the device ventilation smooth.
- If the device is smoked, the device will get bad taste, or sound loudspeaker. Turn off the power supply and unplug the power cable. Please contact the distributor or service center.
- If the device is not working normally, please contact the store or nearest service center that purchased the device. Do not disassemble or edit the device in any way. (The Company shall not be liable for any problems caused by unauthorized modification or repair.)



Caution

- During installation and use, the electrical safety regulations of the country and area must be strictly observed.
- Before installing the device, please go into details of power connection mode.
- The system should be installed in a vehicle manufacturer or manufacturer. Please install the device in the vehicle as much as possible.
- Well ventilated location.
- Do not drop the object on the device or vibrate the device.
- Do not use the device in high-temperature, low-temperature, or high-humidity environments. See Device for temperature and humidity requirements.
- The device should be stored in a dry, non-corrosive gas environment, and avoid direct sunlight.
- Keep the device away from the location where magnetic field interference exists.
- Wireless network antennas and satellite positioning antennas should be installed near the roof or window and be lightning-proof.
- Do not cover or cover any object.
- The device is a sophisticated electronic device. No user can repair the component. Do not disassemble it.
- The device may face network security problems. Please strengthen the protection of personal information and data security. When You Send
- Please contact us in time if network security risk exists in current device.
- Please keep all the original packaging materials of the device properly. If the problem persists, use the packaging materials to package the device.
- Go to agent or return to manufacturer for handling. The company does not assume responsibility for the accidental damage caused by the transportation of non-original packaging material.



Note

- The quality requirements of installation and maintenance personnel should be qualified with the certificate or experience of video surveillance system installation, maintenance, and related work (such as high-altitude operation). The following knowledge and operation skills are also required.
- Basic knowledge and installation skills of video surveillance system and component.
- Basic knowledge and operation skills of low-voltage wiring and low-voltage electronic wiring.
- It has basic network security knowledge and skills, and is able to read the content of this manual.

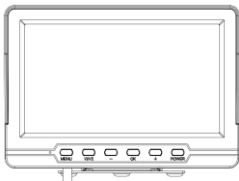
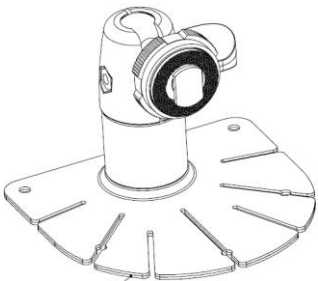
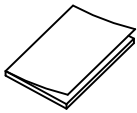
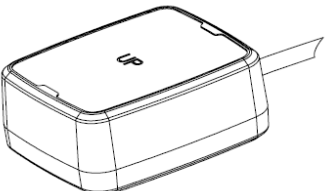
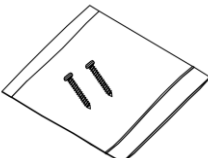
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Chapter 1 Unpack Check

When you purchase the device, please check if the product package and appearance are damaged. Please open the package and check if the product is equipped with complete accessories. The device can be installed.

Table 1-1 Packing List

No.	Picture	Name	Quantity	Unit
1		Quadripartite Monitoring Screen	1	Dock
		Bracket	1	Dock
6		Quick Start Guide	1	Original
		Gmouse	1	Dock
8		Screw Package	1	Package

Chapter 2 Appearance

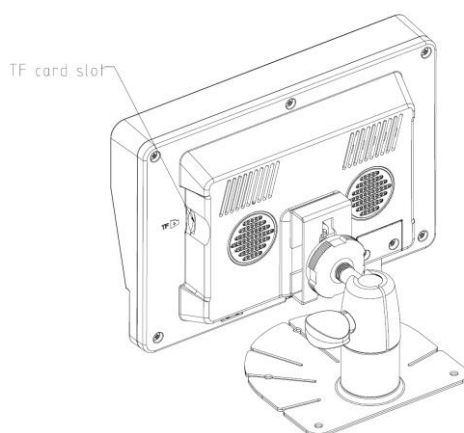


Figure 2-1

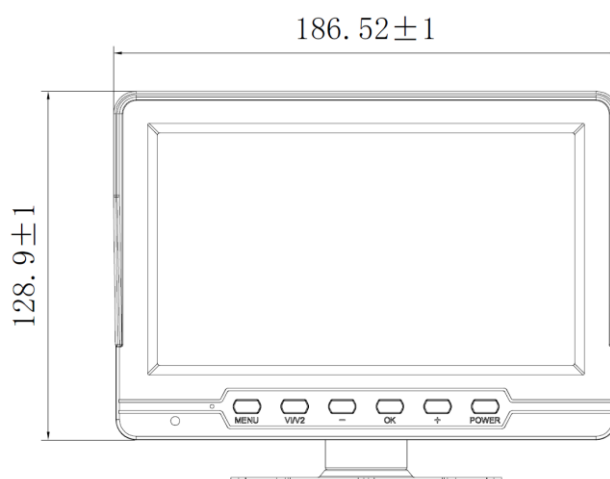


Figure 2-2

Table 2-1

Key Name	Function
MENU	Enter Main Menu
	Back to upper-level interface.
V1/V2	Live View/Record Camera Channel Switch
	PgUp/ PgDn Switch
“-”	Move the cursor to the left and the cursor down (edit status).
	Switch Camera Lens in 1/2 Screen
“+”	Move the cursor to the right and the cursor up (edit status).
	Switch Camera Lens in 1/2 Screen
OK	Confirm
POWER	Display Screen

Chapter 3 Wiring

3.1 Cable Appearance

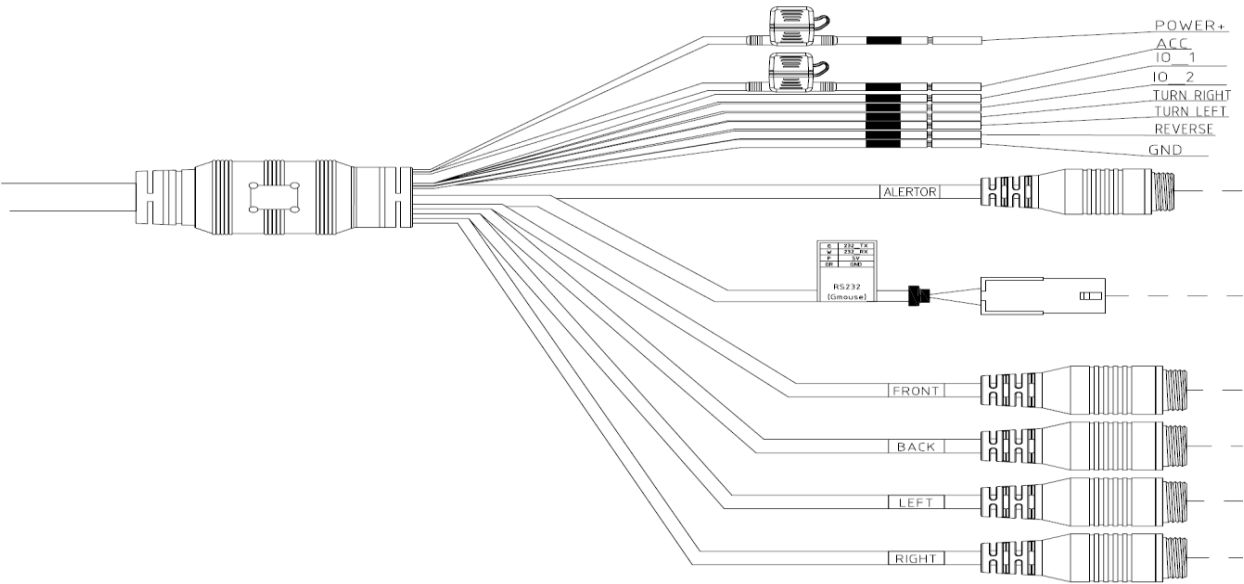
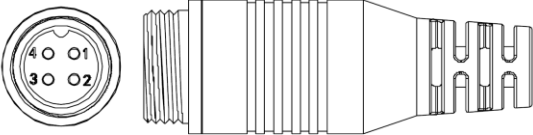
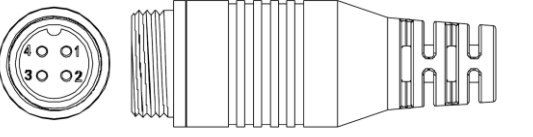
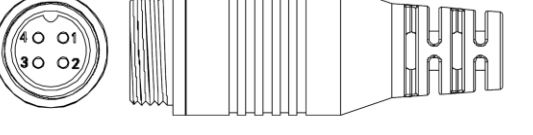
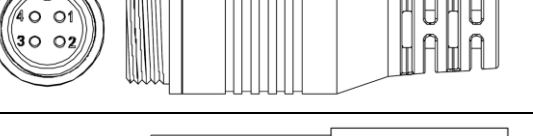
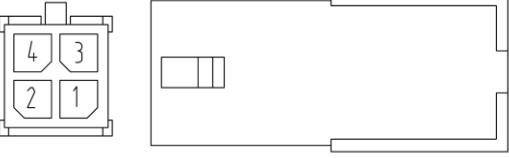
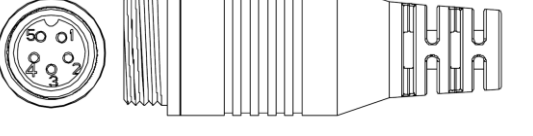
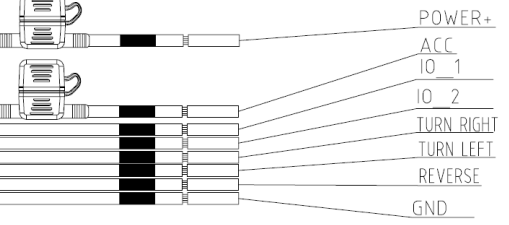


Figure 3-1 Cable Appearance

3.2 Cable Interface Definition

Table 3-1 Interface Description

Interface	Interface Definition	Interface Picture	Rated Load
12M4B(Right)	1. VIDEO_4 2. VIDEO_IO4 3. POWER 4. GND		12V 2W max
12M4B (Left)	1. VIDEO_3 2. VIDEO_IO3 3. POWER 4. GND		12V 2W max
12M4B (Back)	1. VIDEO_2 2. VIDEO_IO2 3. POWER 4. GND		12V 2W max
12M4B (Front)	1. VIDEO_1 2. VIDEO_IO1 3. POWER 4. GND		12V 2W max
43020-0401 (RS232)	1. RS232_RX 2. GND 3. RS232_TX 4.5V_DEV		5V 0.2W max
12M5B (Alertor)	1. / 2. RS485-_1 3. RS485+_1 4. GND 5. ACC		12V 3W max
Hard Wire	1. POWER+ 2. ACC 3. IO_1/I/O/2 4. TURN RIGHT 5. TURN LEFT 6. REVERSE 7. GND		/

Chapter 4 Installation

Note

The screws of this four-way surveillance system should be secured. All the mounting screws are standard. Before the screen is assembled with the stand, the hole location should be selected according to Figure 4-2 in the proper position of the central control station.

4.1 Mounting Bracket

Select suitable position to fix the device station (you can select whether to fix the device or the screw).

Note

When setting the adhesive back, it is recommended to use it in a smooth and smooth environment.

4.1.1 Installation of Glue Back

Step 1: Select a smooth position.

Step 2: Peel off the adhesive sticker and press the device in the selected position.

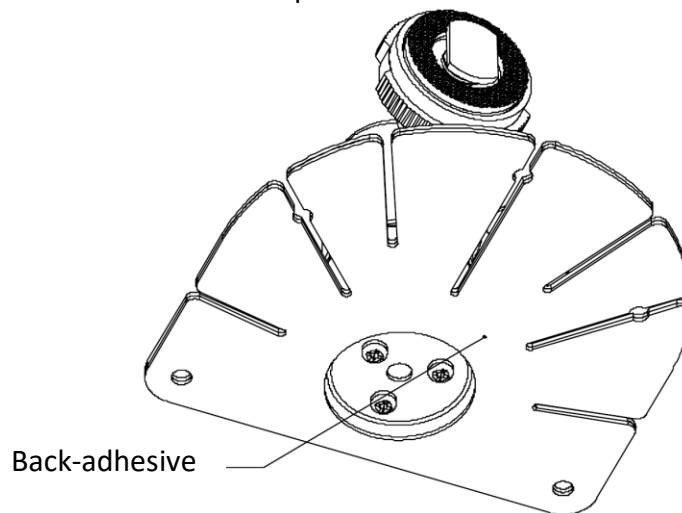


Figure 4-1

4.1.2 Screw Installation

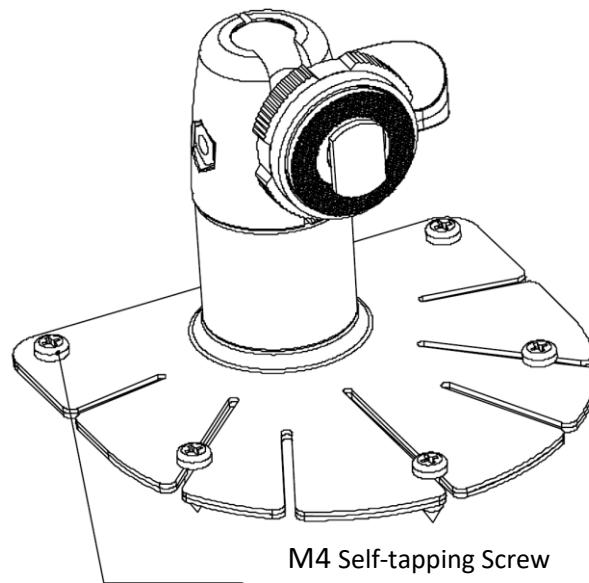


Figure 4-2

4.2 Fixed Screen

Step 1: Insert the bracket with the back-end of the screen.

Step 2: Torque “Fixed Terminal 1”

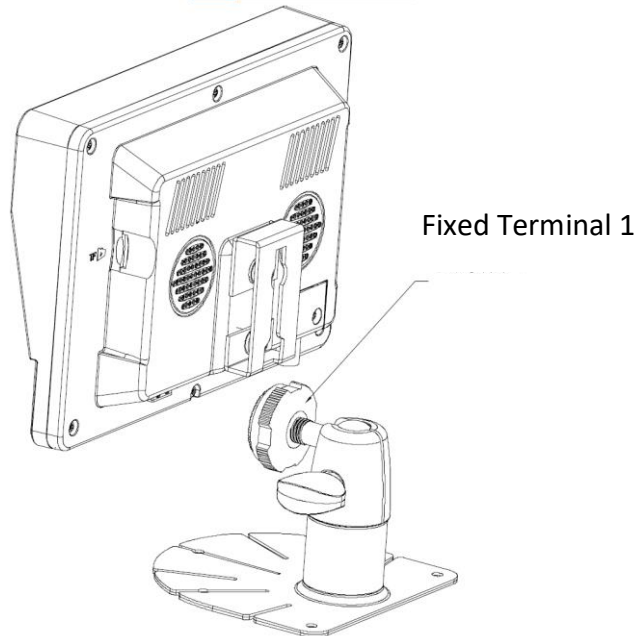


Figure 4-3

Step 3: After adjusting the angle of the gimbal bracket to the correct angle, tighten the “Fixed Terminal 2”.

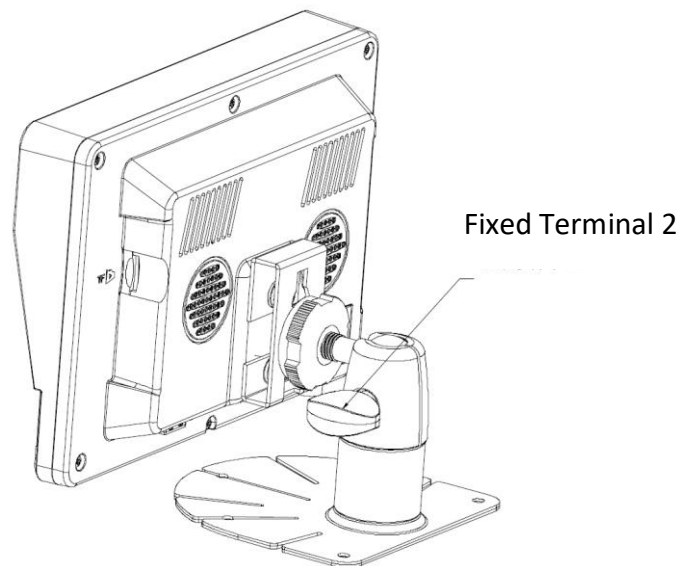


Figure 4-4

4.3 Wiring Installation

Step 1: Connect the screen to the host terminal according to the cable remarks.

Step 2: Select wiring mode according to the scene. Select extension cable according to the configuration list to increase connection distance.

Step 3: Install external device (front camera, rear camera, left camera, right camera, Gmouse, alarm device) according to cable remarks.

4.4 Camera Installation Guidance

4.4.1 Confirm installation height and installation location.

For the installation of blind zone cameras in the left, right, and front, the height of the installation height of the camera in the front, BSD camera in the right, and the camera in the left blind zone should be the same. The distance between the installation height and the vertical distance of the ground should be between 2.5 m and 3 m. The actual vehicle installation picture is shown in Figure 4-5 to Figure 4-7.



Figure 4-5



Figure 4-6



Figure 4-7

BSD camera is installed near the vehicle front side, right side, and left side as shown in Figure 4-8 to Figure 4-10. Select the position fixed with the vehicle body (not to be closed or moved up or down). Secure to the vehicle (such as not being fixed to the door, or plastic mat on the right side). The camera lens is down, displaced, and horizontal. The area of the front side, right side, and left side can be seen clearly.



Figure 4-8



Figure 4-9



Figure 4-10

Incorrect installation as shown in Figure 4-11: Installation on plastic package will cause vibration of the vehicle body.



Figure 4-11

4.4.2 BSD Installation

Step1: Check the BSD camera installation location, mark down, wipe the surface of the marked vehicle, and attach the installation sticker (position camera and hole).

Step1: Put the BSD camera in a semi-tight position. Adjust camera position to ensure camera is down and image level.

Step3: Connect the BSD camera to the All-In-One camera and use the mobile app to preview the BSD camera. (Refer to User Manual for the operation of APP)

Step4: Adjust the angle of BSD camera according to the live view of cell phone app. The camera should be cut in parallel with the edge of the vehicle side. The vehicle should have no more than 10% of the live view, and can be installed with no deflection angle.

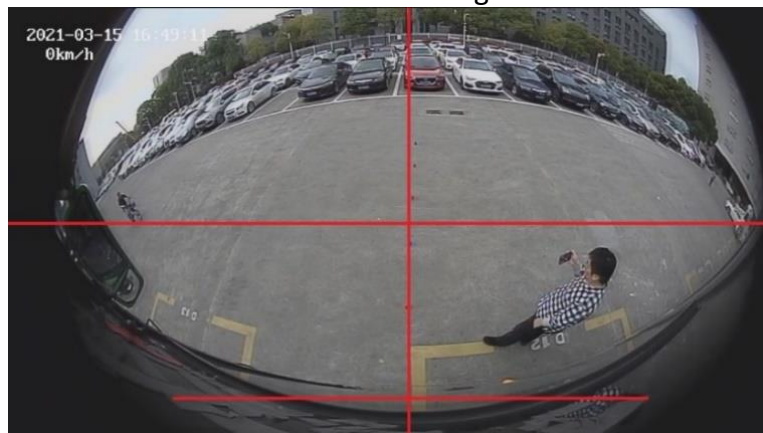
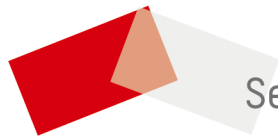


Figure 4-12



See Far, Go Further