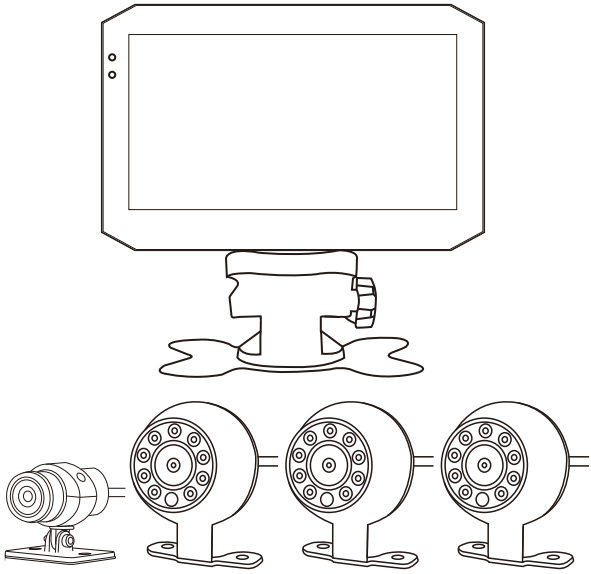
X7 4CH DEDICATED TRUCK DVR INSTRUCTION



Thanks for choosing VSYSTO X7 4CH dedicated truck DVR
Please read the user manual carefully before operation
Please contact:support01@vsysto.com if you need after-sale service

SAFETY INSTRUCTION

In order to use this product safely, please confirm that you have fully understood the following.
Warning: This section indicates that improper handling may have serious consequences
Attention: This section indicates that improper handling may cause harm to the user or damage the product.

Warning	Attention

⚠ Warning

Please use this product in compliance with traffic rules
Do not install the device in a position that obstructs vision or driving
Do not disassemble or refit the product without permission
Do not use accessories other than the original ones
DVR main unit is NOT waterproof

⚠ Attention

If the product makes abnormal noise or odor, please stop using it immediately.
The camera module is IP67 waterproof but the host is NOT waterproof
When disposing of this product, please follow the classification principle and do not discard it at will.
Do not store this product in high temperature and humid environment
Pictures in this user manual for reference only, please in kind preveil.

PRODUCT FEATURES

● X7 Supports 4 cameras sync record

● IR CUT and Light-sensitive sensor are built in the IR night vision camera (Left, Right, Rear)

● Supercapacitor design has longer life time and safer than traditional Lithium battery

● The 2.4G remote supports safety assistance driving

STANDARD ACCESSORIES

Main unit

Front Camera

Rear Camera

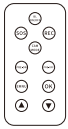
Left Camera

Right Camera

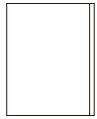
Extension cord

(Front:2m Rear:15m
Left:2m Right:2m)

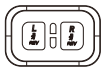
Power Adapter



IR Remote control



Instructions



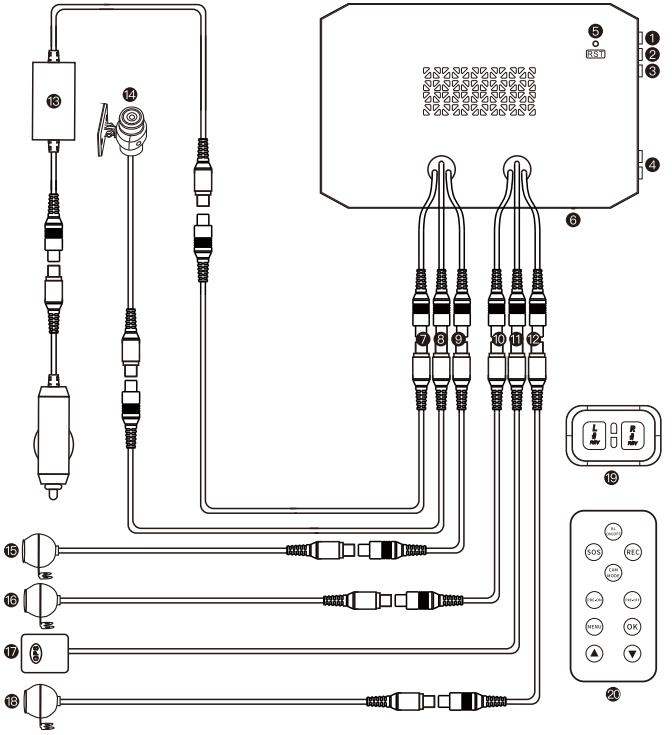
2.4G Remote control

Camera Mount

※If there is any change of specification and appearance due to improvement, we are not able to inform you in advance. Please understand

※Please note that there are differences between the schematic diagram and the real object in the manual.

DESCRIPTION OF EACH PART



❶	Up button	⓫	GPS port
❷	OK	⓬	camera port
❸	Down button	⓭	12V~24V→5V Converter
❹	card slot	⓮	camera
❺	Reset	⓯	camera
❻	microphone	⓰	camera
❼	Power port	⓱	GPS(Optional)
❽	camera port	⓲	camera
❾	camera port	⓳	2.4G Remote control
❿	camera port	⓴	IR Remote control

2.4G Remote Function

This is designed for aided driving. You can control the DVR to separately display the right/left/rear camera with full screen

1.When you want to turn left (or monitor the left side of your truck), short press "[1]" button and the DVR will full screen display the left camera; Short press the "[1]" button again to go back to the defaulted display mode.

2.When you want to turn right (or monitor the right side of your truck), short press "[2]" button and the DVR will full screen display the right camera; Short press the "[2]" button again to go back to the defaulted display mode.

3.When you want to reverse (or monitor the back side of your truck), Double press any one of the "[1][2]" button and the DVR will full screen display the rear camera; Short press anyone of the "[1][2]" button again to go back to the defaulted display mode.

IR Remote instructions

BL ON/OFF Turn on/off the background light

SOS Emergency record manually

REC Short press to start record, short press again to pause the DVR

CAM MODE To setup the display mode
(Display 4 cameras; Display front+rear cameras; Display left+right cameras)

PRE-ON Turn on Pre-record function

PRE-OFF Turn off Pre-record function (Refer to Pre-record function instruction on page)

MENU Press the "REC" button to pause the DVR and then press"MENU" button to enter the menu system

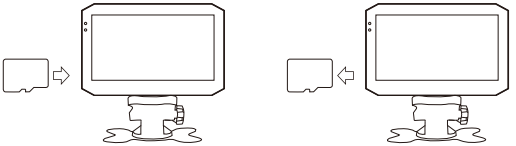
OK Confirm your selection

▲ Page up

▼ Page down

MICRO SD CARD

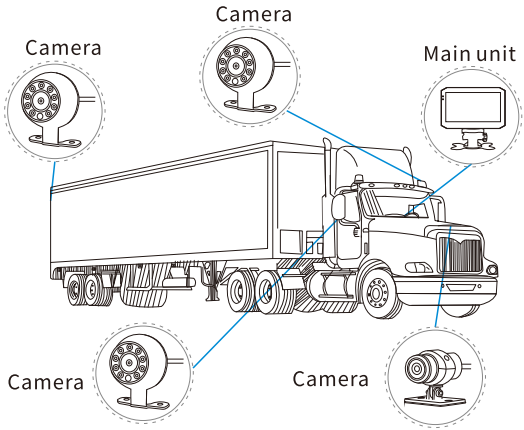
Please use the C10 or above genuine card
X7 needs two TF cards and each one support up to 128G memory card.
If the memory card cannot save the file properly, please format it on the recorder
※Formatting will delete the data, please backup the card data before performing formatting.



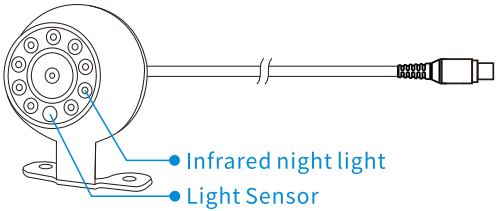
1. Insert the card into the card slot as shown in the picture
2.When picking up the card, gently press the TF card and slowly release it after hearing "Da"
3.Please pay attention to the direction of the gold finger on the TF card. If it is inserted reversely, the TF card and recorder will be damaged.

⚠Attention:
1.The card used on other devices will be automatically formatted after being inserted into our DVR. Please back up the data
2.It is recommended to format the memory card every two weeks.
3.Please do not pull out the card in the recording state to avoid damaging the video file and recorder.

INSTALLATION DIAGRAM

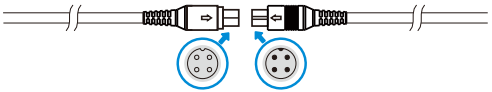


CAMERA DIAGRAM

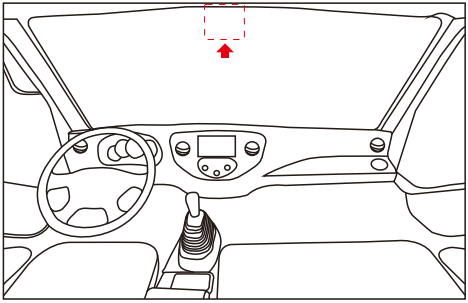


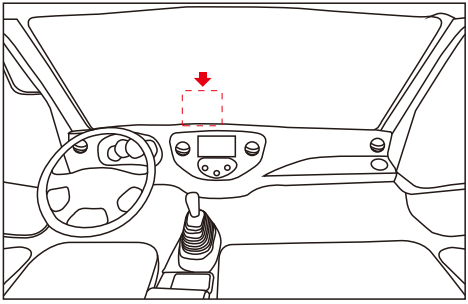
Attention

When connecting the aviation connector, do not use brute force to damage the pin when it is blocked. Pay attention to align the positioning slot, which can be accessed easily.



HOST FIXATION DIAGRAM





Hanging on the windshield
1.Hanging on the windshield
2.Stand on the dash board
Attention: 180° rotation adjustment interface can be selected in the menu

TURN ON

After installing the recorder and inserting the TF card, plug the car charger into the cigarette lighter, and the DVR will start recording automatically after starting.

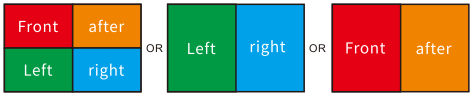
> ⚠**Note**
> ※This DVR uses the latest super capacitor design instead of the traditional lithium battery design. The super capacitor is automatically charged and can save the last file after power off

TIME SETTING

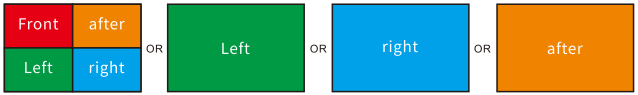
Pause recording→Enter menu→Select time setting→Press ↑↓to setup the time→Press OK to save the setting
※Please reset the time after reset or factory reset executed

DISPLAY SWITCH

Press "CAM MODE" to switch display mode:



Press 2.4G remote to switch display
Short press the left button: Display the left camera with full screen
Short press the right button: Display the right camera with full screen
Press twice: Display the rear camera with full screen



SCREEN ICON DESCRIPTION

	Mute		Front and rear camera
	Loop recording time		Left and right camera
	Video Mode		Microphone on
		Time and date	
		Video file name	

VIDEO MODE

The DVR starts to record automatically when powered on and memory card inserted. The earliest files will be overwritten by new video files when the TF card is full.

● Emergency Files (Automatically)

G-sensor is used to detect the acceleration to ensure the DVR will automatically lock the emergency file that won't be overwritten by normal REC file when an accident happens

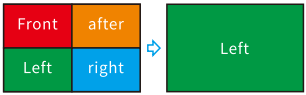
● Emergency Files (Manually)

Pressing the SOS button, the DVR will lock the emergency file that won't be overwritten by normal REC files.

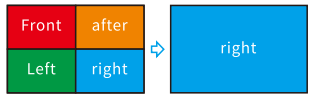
Attention:

There is a special space in the tfcard for storing emergency video files. If the space is full, the newly generated emergency video files will cover the earliest generated video files. In order to prevent the loss of important files, please back up the required files in time.

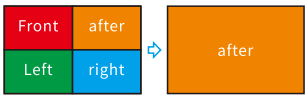
AIDED DRIVING



Press 2.4G remote left button



Press 2.4G remote right button



Press 2.4G remote any button twice

PRE-RECORD

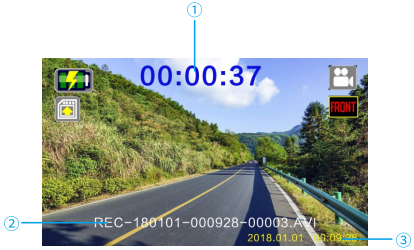
In pre-record mode The video file will not be saved in the TF card directly but save 3 seconds real-time video in the SD RAM temporarily. When the emergency recording be triggered (by G-sensor or manually) the "3 seconds" file and a new video file (1/3/5mins depends on your settings) will be saved together into the memory card directly.

Pre-record Advantages:

1. Save important video file only
2. Extend the memory card lifetime
3. Be easier to find the file you need

PLAYBACK (ON DVR)

Playback Interface Introduction



①Video file time

②Video file name

③Record time and date

Operation

Press “REC” to pause recording, press “Menu” to enter main interface and select to enter playback mode, press “▲▼” to select the file you want and press “OK” to playback; Operate left and right camera in a similar way

※In front and rear camera playback mode, pressing the “▼”in the DVR host you can switch between front and rear camera video file.

In side camera playback mode, pressing the “▼”in the DVR host you can switch between front and rear camera video file.

PLAYBACK (ON PC)

Take out the TF card and connect with PC with a card reader and file definitions are as follows:

TF Card 1

FRONT —— Front video file folder

REAR —— Rear video file folder

TF Card 2

Left —— Left video file folder

Right —— Right video file folder

REC_191108-173954.AVI

"173954" means time 17 o'clock 39 minutes 54 seconds

"191108" means date 8th November, 2018

"REC" means normal record video file

Attention:

"GSR" video file is triggered by G-sensor

"PRE" is pre-record video mode file

GPS Tracker (Optional accessory)

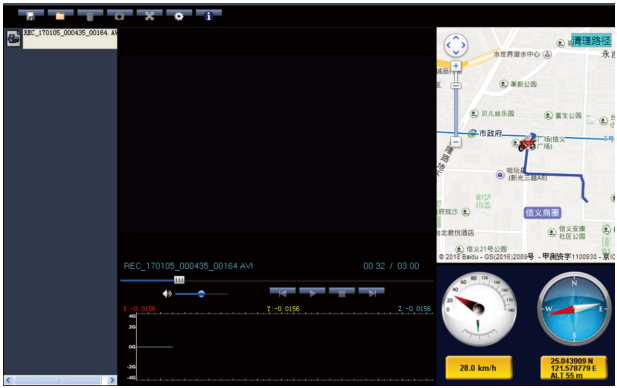
※ The GPS signal will be saved in the video file if you connected a GPS tracker with the DVR and received GPS signal successfully
※ The GPS route will be displayed on Google map when you playback the video in our GPS player (DrPlayer).
※ You can download the GPS player from official website or contact seller to get the download address.

DrPlayerSupported operating systems：WinXP/7/8/10。

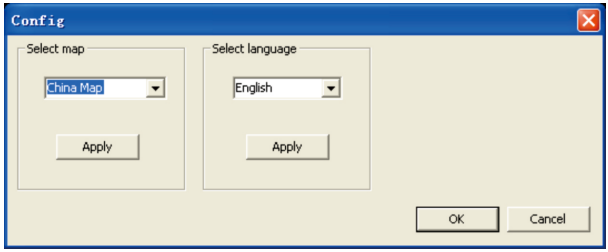
Double-click to open

,Interface icon:

Click on Select the video file you want to open，Then click the play button above the player to start playing, as shown below。
Click when playing Play screen can be full screen，Then press ESC or double-click the player interface to exit the full screen.



Stop playing, Click on Set player language, map, and speed units。



When selecting Google Maps, you need to install IE11 or later on your computer. Otherwise, the map will not display properly.

MENU TREE

Loop Recording	Setup the loop recording time
Pre-record	Turn on/off pre-record function
Sound	Turn on/off video sound while recording
Screen Save	Setup the screen save time
Screen Rotation	Rotate the screen image
Beep	Turn on/off button sound
G-sensor	Setup the G-sensor sensitivity
Date Format	Setup the date format
Date Setting	Setup the date
Time Setting	Setup the time
Time Zone	Setup your local time zone
Volume	Setup sound volume
Reset	Restore factory settings
FW Ver	Firmware version number

SPECIFICATIONS

Model	X7
Screen Size	7''
Front Camera	1920*1080P
Left Camera	1920*1080P
Right Camera	1920*1080P
Rear Camera	1920*1080P
Waterproof Level	IP 67
Video Format	AVI; H.264
Loop Recording	Support
Pre-record	Support 3s pre-record
TF card	Support maximum 2*128G (Not inc1uded)
G-sensor	Built-in
Speaker	Built-in
Microphone	Built-in
Working Voltage	DC 5V