



DVR7N DVR9N DVR Monitor User Manual



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Warranty

Thanks for use our products; we will offer the below service:

1. 12 months free charge maintenance warranty.

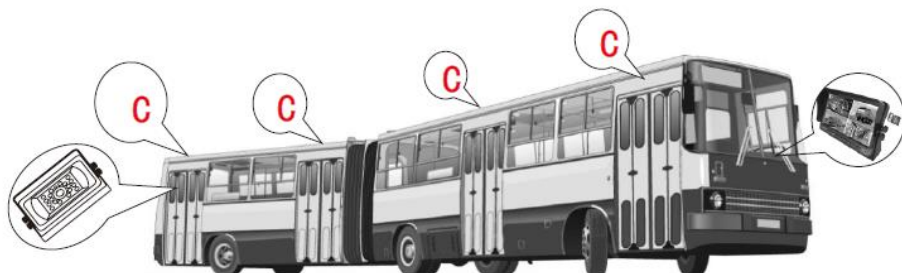
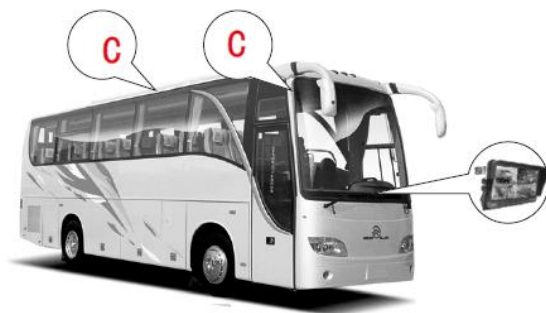
While below status, we will charge maintenance cost:

- 1) Accident or human damage;
- 2) Leader wire was cut down;
- 3) Product was opened without discuss with us;
- 4) More than warranty period.

CCD Camera List



Wiring Diagram



Preface

Thanks for your support. Our company stick the management philosophy of “Quality First, Honest Based!”, and based on meeting customer’s requirement and supplying high quality products, perfect after-sales service as our purpose, be absorbed in offer the best products.

To ensure long-term trouble-free service of the products, please read this manual carefully before using the product.

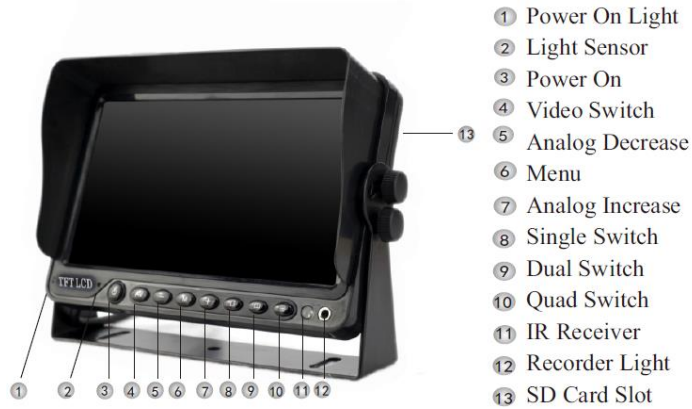
Notes:

1. Do not try to open the covers. It is a high precision product. Please close the power in time if anomalies.
2. Do not use organic solvent clear the covers, to avoid it peel off painting.
3. Do not enforce to the lead wire., to avoid damage or poor connect.
4. Keep the product out of the dirty, direct sun, high temperature and humidity condition.
5. Protect the product from fall down and shock.
6. Please wiring as diagram strictly, if wiring wrong will lead product can’t work and even damage vehicle electrical system.
7. Do not use any affect operation of driving.
8. Do not let the product working at higher or lower than the suitable temperature of machine.

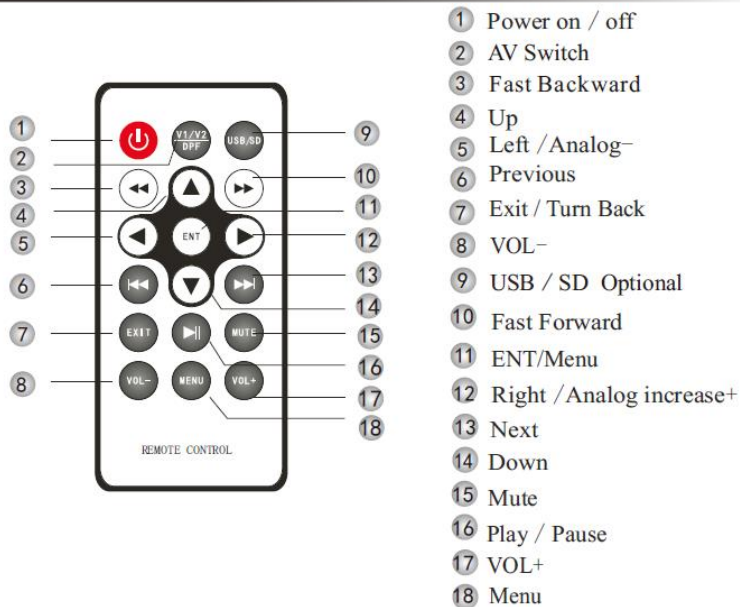


For the sake of safety, please do not watch the video while driving, except driving assist video!

Keystroke Instruction



Remote Instruction



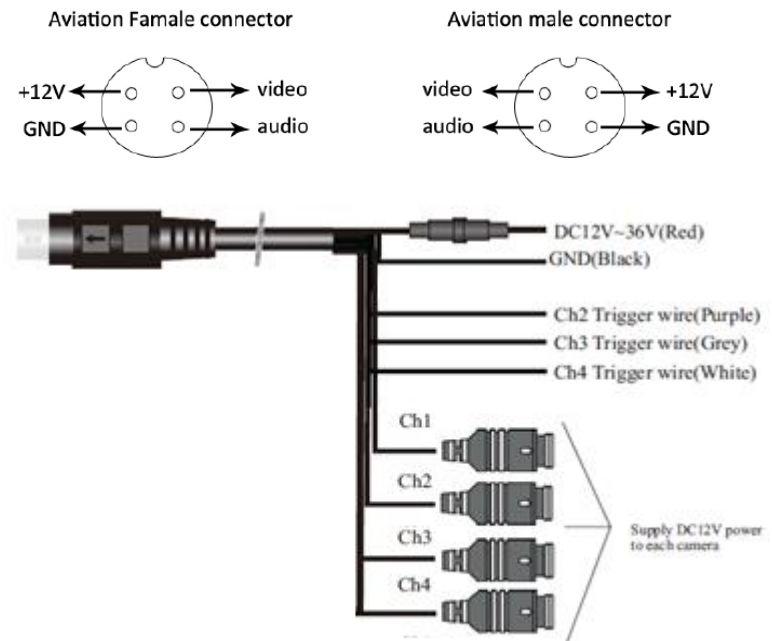
Wiring Diagram

Accessories

- 1) DVR monitor * 1PC
- 2) Aviation connection * 1PC
- 3) 18# remote control * 1PC
- 4) Bracket * 1PC
- 5) Menu * 1PC

Wiring Diagram

- 1) Working Voltage: DC12V~36V
 - 2) Make sure all plug and cables connect correct, then power on.
 - 3) Standard configuration is aviation connector.
- If want RCA, please use adapter.
- 4) The definition of aviation connector as below:



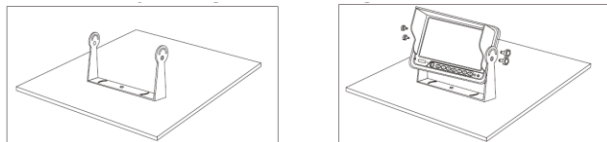
Bracket Installation

Can choose the bracket:

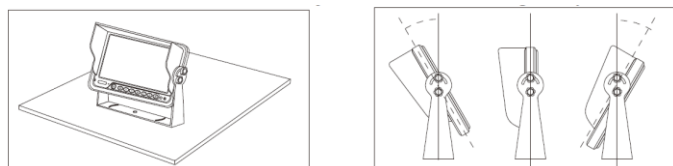
Headrest Frame; Plastic/Metal bracket; U-Bracket

1. U-Bracket Installation

1) Use the screw fixed the U-bracket. Put the monitor into the bracket, adjust angle and locking it.



2) Finished the installation. Adjust the angle forward 30° to backward 30° . User can adjust a suitable angle by oneself.



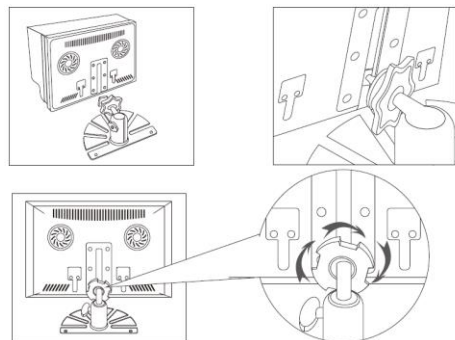
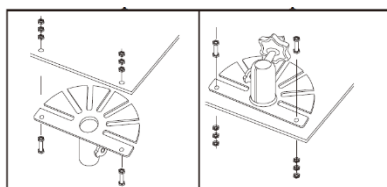
2. Plastic/Metal Bracket Installation

1) Firstly, fix the bracket via the screws, the screws of the top need lock to nut of under.

2) Secondly put the metal buckle piece on the top of the fan-shaped bracket into the notch at the back of the monitor.

3) Move the bracket to the proper location.

4) Screw down the nut of bracket, until the monitor fastening.



Specification

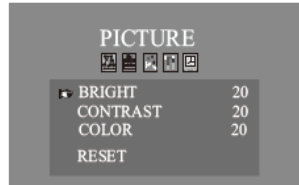
Screen size:	7" ; 9"
Resolution:	800RGB(H)x480(V)
Brightness:	450cd/m²
Contrast:	450:1
Voltage:	-20°C ~ +70°C
System:	PAL / NTSC
Menu:	OSD MENU
Password safety:	User/Administrator
Image format:	CIF/HD1/D1 optional
Data storage:	Support up to 256GB SD Card
Video:	4 video inputs CH1,CH2,CH3,CH4 record optional
Video display:	Single/dual/quad image optional
Audio:	CH2, CH3, CH4 with audio input; Audio with Video record at same time; One way audio output optional;
Operation system:	18# remote control/ Keystroke
Dimensions:	7": (L)177X(W)141X(T)21MM 9": (L) 228X(W) 154X(T) 27MM
Optional:	RCA/Aviation connector; Bracket optional
Software update:	The system can updated by SD card
Function:	1. Built in quad, dual display, five video single screen video processor and SD card DVR recorder 2.Can record the driving and situation of inside car. Can help driver watch parking and all blind area. 3.This system is mainly use for school buses, urban bus, journey bus traffic patrol car etc.

Menu Operation Instruction

Press "MENU", the screen will show "PICTURE".

Press "▼ ▲", to select other feature. Press "◀ ▶" to adjust parameter.

Press "MENU" over and over again, the screen will show pictures as below:



Brightness Adjust 0~40

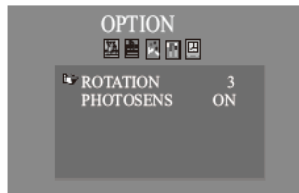
Contrast Adjust 0~40

Color Adjust 0~40

Reset



Volume 0~40



Rotation UP/DOWN/LEFT/RIGHT

Light sensor ON/OFF



Language Multi-option

Delay time 0~10s



Sleep time 0~240mins

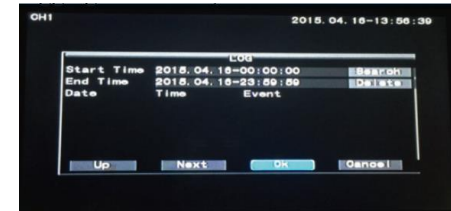
Av5 ON/OFF

DVR Menu Operation Instruction

Log Information

1) Click the inquiry, open the interface of logging, the list will show meet the conditions of logging

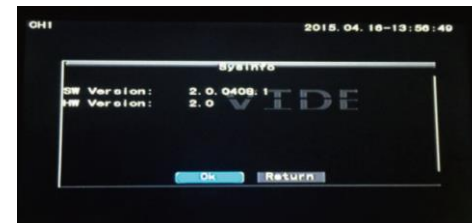
2) Delete the logging of choose. (Just Administrator has this right)



User Management

1) Software version: Display the software number of the monitor.

2) Hardware version: Display the hardware number of the monitor.



Vehicle Information

1) Company name: Setting the company name of user.

2) Vehicle number: Setting the vehicle number of user.

3) Line number: Setting the vehicle driving line

4) Device serial number: Setting the device serial number



DVR Remote Control Instruction

User Management

- 1) Password function: ON/OFF
 - 2) When open it, user need to setting password with 6 places number for Administrator and normal user. (Press "ENT" button, the screen will show soft keyboard)
- Administrator: Has all operating authorization
User: Limited access: checking record, play back record etc.



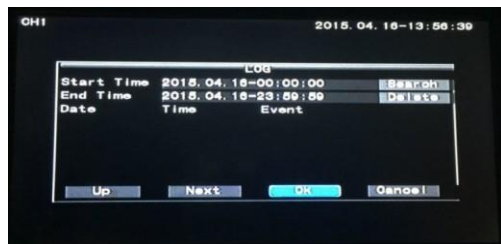
Update Setting

- 1) Auto management: ON/OFF
- 2) Export setting: The setting information of device can import to SD card, text format.
- 3) Import setting: Copy the update file to SD card in the catalogue of update DVR



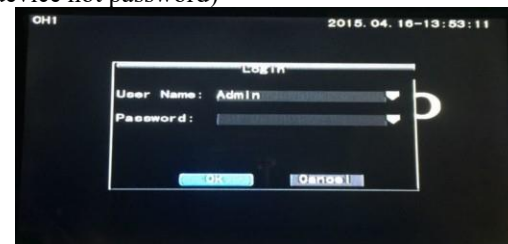
Log Information

- 1) Setting open/close time of inquiry, checking recording of daily log, start, flame out.



DVR Menu Operation Instruction

In DVR menu, "ENT" is choose/confirmed; "▼ ▲" is cursor up/down move keystroke. "◀ ▶" switch and cursor Right/Left move keystroke. "EXIT" is exit keystroke. Press "ENT" keystroke into DVR menu, the screen will be display as below: (Factory setting of device not password)



If need switch "Administrator" to "User", please press "▼ ▲" let the cursor move to User name, press "ENT" keystroke choose this. When the character darken of "Administrator" press "◀ ▶" keystroke, switch "Administrator" to "User", press "ENT" to confirmed, after confirmed, "User" character will be brighten, in this time can press "▼ ▲" to let the cursor up/down moving to go ahead other setting.



DVR Menu Operation Instruction

Main Menu:



DVR Menu Operation Instruction

Record Setup

- 1) Record Mode: Auto Record/Timing
- 2) System: PAL/NTSC
- 3) Color: Standard/Soft/Gorgeous
- 4) Files size: 15/35/45/60Mins
- 5) Audio: ON/OFF



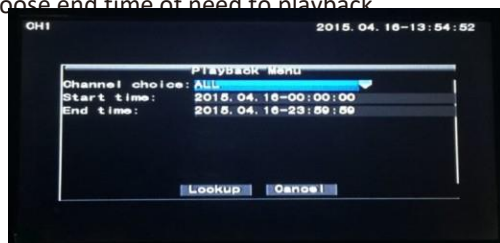
Channel Setup :

- 1) Record enable function: can choose each channel recording on/off
- 2) Resolution: D1/HD1/CIF for choose
- 3) Code Rate: High/ Middle/ Low
- 4) Mirror: Can setting each way mirror/normal image alone (Once confirmed setting, the system will be refresh automatic)



Playback Menu

- 1) Channel choice: All/CH1/CH2/CH3/CH4 playback
- 2) Start time: choose start time of need to playback
- 3) End time: choose end time of need to playback



DVR Menu Operation Instruction

Function Setup

- 1) Language: Chinese/English
- 2) Time: Time setting
- 3) Preview Time: ON/OFF
- 4) The sign of preview channel: ON/OFF
- 5) Delay power off: 5/15/30Mins; 1/2/3Hours optional



System Maintenance



Storage

- 1) Display condition of disk
- 2) Formatting of SD card (Just for Administrator)

