

USER'S MANUAL

Thank you for purchasing our products. Please read the manual carefully before operation

Warning

- In order to prevent damage caused by fire or electric shock, please do not put cameras exposed in the moist environment or rainwater.
- Please make sure the adapter is consistent with product specifications, otherwise it might cause fire, electric shock or damage.
- Pay attention to polarity of the adapter, it might cause some accidents like fires.
- Please don't connect multiple cameras with the same adapter at the same time; overloading of adapter capacity may cause fires.
- Power supply must be firmly fixed so as not to loose to cause fires.
- If the device gets "abnormal smell or smoke", please stop it immediately and contact with our customer service center.
- If the camera doesn't work as usual, please do not dismantle it by yourself. Please contact our local distributor or our maintenance office authorized by our company, otherwise we won't promise warranty.
- Please do not splash water on the product components when cleaning.

Notes

- Do not make the products under great impact or stay away from strong electromagnetic interference and vibration.
- There are some sophisticated parts inside the camera, therefore, during transportation and installation, please avoid the damage cause by stress or severe vibration. For the sake of safety, please do not switch on power before accomplishing all installation.
- Please comply with all electrical safety standards during operation, camera or signal transmission cable should maintain a sufficient distance (50 meters) with high-voltage equipment or cables, if necessary, lighting and thunder protective measures must be taken.
- Please install the camera in well-ventilated environment.
- Please do not make the camera face sunshine or other strong light directly in case of any damage to the lens and the sensor.
- The temperature and humidity range for cameras work are -10 ~ 50 °C, less than 95% separately, please do not start cameras beyond this range.
- To avoid lightning strikes, please make sure the installation of power supply ground line in a good condition.
- To prevent the equipment from damage by shower or splash of water, please do not place the device substances such as liquid.

Features

High Resolution

This camera using a high density CCD, which provides clear, noiseless and reliable pictures

10X/30X Auto Focus

optical zoom:10x/30x

Screen Menu/Line control/PWM Control

Remote control operations are possible through

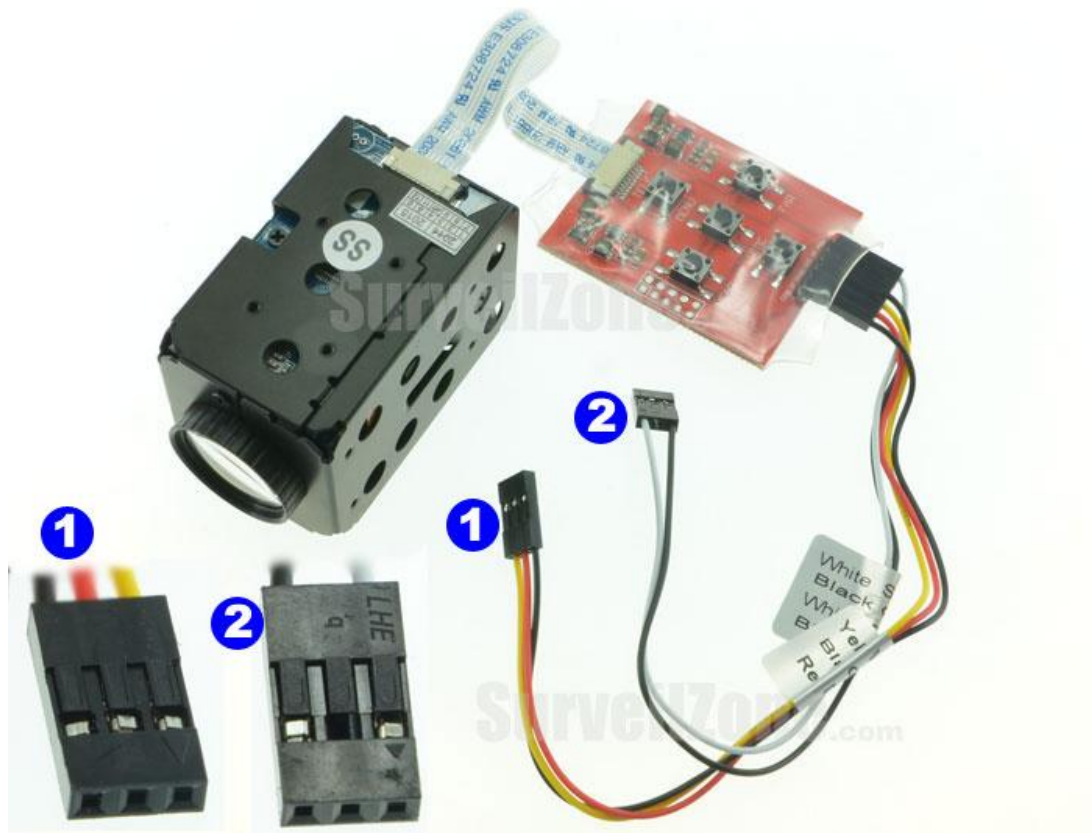
PWM signal interface also can control the lens by outline.

Auto Focus

Camera can focusing auto from 0.1m to limitless ditance

Configuration

Back board sketch map:



1. Video/Power/GND

Yellow is Video out, Red is DC12V input, Black is GND

2. Control Signal

White is PWM control signal, Black is GND

How to connect wire:

Connector 1 is to wireless transmitter

For example to the below tx, Video, Vcc, GND



Connector 2 is to connect to remote's rx as the below image



After connection, you can control the camera zoom +/- by using the remote control, Such as below image:



How to operate

1. press the MENU, the OSD menu will show on the screen of the monitor
2. switch the FAR and NEAR to change the state and parameter which you choose
3. press the MENU to another option
4. press the MENU to exit the menu

Parameter set

MENU

1. LANGUAGE-----CHANESE/ENGLISH
2. CAMERAID-----0 255
3. ZOOM DISPLAY-----ON/OFF
4. BLC-----ON/OFF
5. AGC-----MIDDE/MIN/MAX
6. DAY&NIGHT-----AGC/COLOR/BW
7. FOCUS-----AUTO/MANUAL/K AUTO

8. BAUDRATE-----9600/4800/2400

9. BRIGHTNESS-----0 24

10. SHARPNESS-----0 15

11. MIRROR-----ON/OFF

12. HLM-----ON/OFF

13. HLM LEVEL-----ON/OFF

Specifications

Model No .	CC1543/CC1551
Signal model	PAL/NTSC
Image sensor	1/3" SONY CCD
Effective pixel	976(H) x 596(V)
Horizontal resolution	700TVL
Minimum illumination	Color: 0.01Lux B/W: 0.001Lux/0Lux
Digital electronic zoom	No
WDR	Yes
Digital noise reduction	Yes
Frame accumulated	Yes
Sync system	Internal sync
Focus length	3.9~85.8mm/3.9~38mm
Optical focus	30X/10X
Focus	Zoom controlled by ground controller
Gain Control	Auto
White balance	Auto
Iris	Auto
S/N ratio	>60dB(Enhanced)
Electronic shutter	PAL:1/50~1/10000, NTSC:1/60~1/12000
Video output	1.0Vp-p 75 Ω
Language	English
Control	Pelco D 2400/4800/9600
Gama modulus	0.45
Power supply	12V, 90~120mA
Work temperature	0~+70° C