

### Car Rear Camera



#### FEATURES

- 1/3" Color CCD Waterproof Camera
- Horizontal Resolution: 420TV Lines
- Low Illumination: 0.5Lux
- Auto Electronic Shutter: 1/50,1/60~1/100000 Sec Automatic
- Specification

Model	VC-2190
Image Device	1/3" Color CCD
TV System	PAL/NTSC
Effective Pixel	500(H) x 582(V)/510(H) x 492(V)
Sync. System	Internal
Scanning System	2:1 Interlace
Scanning Frequency	Horizontal:15.625KHz Vertical:50Hz
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F2.0
Video Output	1.0Vp-p VBS75Ω BNC
Gain	Built-in AGC 30dB; SAGC 36dB
S/N Ration	45dB
White Balance	AWB (2800°K~8000°K)
Auto Electronic Shutter	1/50,1/60~1/100000 Sec
Blacklight Compensation	Built-in
Lens	F2.8 Board Lens 120°
Power	DC12V
Power Consumption	90mA
Operating Circumstance	Temperature:-10°C~+50°C
	Humidity: Within 30~90% RH
Dimension(mm)	Φ21mm
Weight	0.16kgs
Criteria	CE

### Car Rear Camera



#### FEATURES

- 1/3" Sharp CCD Waterproof Camera
- Horizontal Resolution: 420TV Lines
- Low Illumination: 0.02Lux
- Auto Electronic Shutter: 1/50,1/60~1/100000 Sec Automatic
- Specification

Model	VC-4110CW	VC-4110BW
Image Device	1/3" Sharp Color CCD	1/3" Sharp B/W CCD
TV System	PAL/NTSC	
Effective Pixel	512(H) x 582(V)/510(H) x 492(V)	
Sync. System	Internal	
Scanning System	2:1 Interlace	
Scanning Frequency	Horizontal:15.625KHz Vertical:50Hz	
Horizontal Resolution	420TV Lines	
Minimum Illumination	0.02Lux F2.0	
Video Output	1.0Vp-p VBS75Ω BNC	
Gain	Built-in AGC 30dB; SAGC 36dB	
S/N Ration	45dB	
White Balance	AWB (2800°K~8000°K)	
Auto Electronic Shutter	1/50,1/60~1/100000 Sec	
Blacklight Compensation	Built-in	
Lens	F2.9Board Lens	
Power	DC12V	
Power Consumption	≥300mA	
Operating Circumstance	Temperature:-10°C~+50°C	
	Humidity: Within 30~90% RH	
Dimension(mm)	81x49x61	
Weight	0.42kgs	
Criteria	CE	

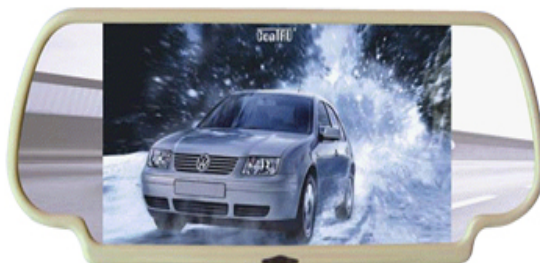
### Car RearView Monitor



#### VC-SP700

- \* 7" Stand-alone TFT-LCD TV/Monitor
- \* Resolution: 960X3(RGB) X 234 pixels
- \* Aspect Ratio: 16:9
- \* Color System: PAL/NTSC/SECAM
- \* Sound System: D/K, B/G, I, M
- \* Built-in TV tuner
- \* 2CH Video input; (Automatic switch Video input signal of moving backward a car) 1CH Audio input
- \* CATV all channel subjoin TV receiver (470MHZ)
- \* Chinese, English, screen display
- \* Picture turn up/down or Mirror function
- \* Full function remote control with OSD Menu
- \* Audio Output: 1W(Max)
- \* Power consumption: 8W
- \* Power Supply: 1:AC Power-AC Adapter  
2:Auto Storage battery (12V)
- \* Working Temperature: -10°C-80°C
- \* Color: Black or silver
- \* Carton Size: 56.5\*37\*41CM, 10Sets/CTN, G.W: 15KG

**Included accessories: Cable x1, Manual x1, Power supply x1, IR Remote control X1, mounting bracket X1**

**Car RearView Monitor**

**VC-700H**

Model	<b>VC-700H</b>
Name	7 inch Rear View Mirror LCD monitor
Screen size	7 inch(16:9)
Video	PAL/NTSC Automatic switch
Power	12V/7W
Pixel	1200(W)*234(H)
Function:	Picture turn up/down or Mirror function Automatic switch Video input signal of moving backward a car
Blue screen	Blue screen when no signal
Dimensions	337*212*81mm
Color	Black/ straw yellow

- **Included accessories: Manual X1 , Cable X1,IR Remote control x1**

### Car RearView Monitor



### VC-YW708

- \* 7" AUTO In-Dash TFT LCD Color TV/Monitor
- \* Resolution: 960X3(RGB)X234pixels
- \* Aspect Ratio: 16:9
- \* Color System: AUTO/PAL/NTSC/SECAM
- \* Sound System: D/K, B/G, I, M
- \* 2CH Video input(Automatic switch Video input signal of moving backward a car)
- 2CH Audio Output
- \* Chinese and English screen Display
- \* (CATV all channels subjoin TV Receiver(470MHZ))
- \* Wide viewing angle (L/R: 60 degrees, U/D: 20 degrees)
- \* Full function remote with OSD Menu
- \* Audio Output: 1W(Max)
- \* Power consumption: 8W
- \* Power Supply: Auto Storage battery (12V)
- \* Working Temperature: -10°C-80°C
- \* Color: Black or Silver
- \* Carton Dimension: 48\*32\*26CM, 5Sets/Ctn, G.W: 12.5KG

**Included accessories: Cable x1, Antenna x1, Manual x1,IR Remote control x1**

## Multimedia Parking Sensor



**VC-650H/2190**

### **SPECIAL FEATURES:**

1. when reversing gear is engaged, the lcd monitor will show automatically the image transferred from the camera installed on rear of the vehicle. Meanwhile, the 4-sensor will tell obstacle distance and direction on monitor, Audio system will 3-grade bi-bi Tone Audio Reminding Distance
2. 4-Sensor + Control box + Camera + 6" Mirror Monitor

### **BASIC FEATURES:**

#### **A control box:**

1. Precise Digital Distance Displaying in metric
2. 3-grade bi-bi Tone Audio Reminding Distance
3. Wide angle Full Detecting range-No blind spot
4. Detecting Distance : 0.3 -- 2.0 Meters
5. 4 pcs of Ultrasonic Sensor for detecting
6. 12V Working Voltage (Suitable for car and trucks)
7. Identification of Left And Right Direction
8. Working Temperature: - 30C to +70C
9. Perfect Guide for Car/VAN, SUV, TRUCK Reversing
10. White, Black, Golden, Silver, Red, Blue, more Sensor's color are available

**B. CAMERA**

Model	VC-2190
Image Device	1/3" Color CCD
TV System	PAL/NTSC
Effective Pixel	500(H) x 582(V)/510(H) x 492(V)
Sync. System	Internal
Scanning System	2:1 Interlace
Scanning Frequency	Horizontal:15.625KHz Vertical:50Hz
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F2.0
Video Output	1.0Vp-p VBS75Ω BNC
Gain	Built-in AGC 30dB; SAGC 36dB
S/N Ration	45dB
White Balance	AWB (2800°K~8000°K)
Auto Electronic Shutter	1/50,1/60~1/100000 Sec
Blacklight Compensation	Built-in
Lens	F2.8 Board Lens 120°
Power	DC12V
Power Consumption	90mA
Operating Circumstance	Temperature:-10°C~+50°C
Dimensions	∅ 21mm x65mm

**C. MONITOR**

Name	7 inch Rear View Mirror LCD monitor
Screen size	7 inch(16:9)
Video	PAL/NTSC Automatic switch
Power	12V/7W
Pixel	1200(W)*234(H)
Function:	Picture turn up/down or Mirror function Automatic switch Video input signal of moving backward a car
Blue screen	Blue screen when no signal
Dimensions	337*212*81mm
Color	Black/ straw yellow

**COMPONENTS IN THIS KIT:**

1. Microcomputer box(control unit/ main unit)
2. Audio speaker
3. 4 pcs ultrasonic sensors with 2.5 meters cable
4. Waterproof Camera
5. 5-meter cable for connecting monitor to control box
6. Sticky tape for fitting the monitor
7. Screws to fit the control box
8. Instruction manual
10. 7" mirror monitor Display
11. IR Remote control



Mobile DVR



**VC-6304MDVR**

**FEATURES**

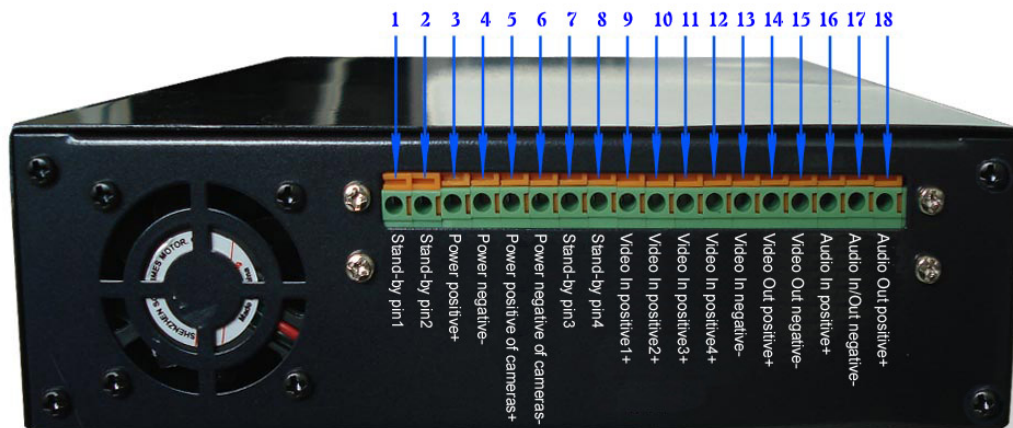
- Standalone.
- 1---4 channel video input,1 audio input.
- Use 2.5 Inch HDD.
- Shock-resisting design.
- Real Time Refresh Rate.
- Display While Recording.
- Frame Recording & Quad Recording.
- Compatible of NTSC/PAL format.
- Advanced MJPEG compression.
- Manual / Motion / Programmed Recording
- Search by Time / Date.
- Watch dog feature.
- HDD Volume Indicator.
- Can use USB to link PC, Can search Time to Play、 saving and take photo functions.
- Remote Control.

**SPECIFICATIONS**

Operation system	Embedded RTOS	
Video Format	NTSC/PAL	
Video Input Channel	4CH Composite	
Audio Input Channel	1CH Composite	
Display Frame	NTSC	120 fps (4x30 fps)
	PAL	100 fps (4x25 fps)
Recording Frame Rate(QUAD)	NTSC	Max 30fps
	PAL	Max 25fps
Recording Frame	NTSC	Max. 7.5fps(30 fps/4)

Rate(EACH)	PAL	Max. 6.25fps(25 fps/4)	
Recording Mode	Continuous/motion/ Programmed		
Resolution	Display	NTSC	720x480
		PAL	720x576
	Recording	NTSC	640x224
		PAL	640x272
Compression Format	Advanced MJPEG	Low	12KBytes/Frame
		Normal	15KBytes/Frame
		High	20KBytes/Frame
HDD	160G 2.5 Inch(Max)		
Search Mode	Time / Date / Event		
Full Screen	YES		
Motion Detect	YES		
Buzzer Output	YES		
Brightness Adjust	YES		
Contrast Adjust	YES		
USB Output	YES		
Power Supply	DC 8—36V		
Dimension	178mm x 224mm x 53mm (W x D x H)		
Weight	1.8KG		

**Included accessories:** Mobile DVR x1; Remote controller x1; Key of HDD's box x1; Shock-resisting rubber x4; User's manual x1; Supporting frame x2; CD x1.



1,2,7,8: Stand-by pins

3: Power positive:connect the car's DC12/24V.The power range of the device is DC8---36V. When the power is out of the range,the device will be shut off

automatically and will be restarted while the power is back on the range.

- 4: Power negative
- 5: Power positive of cameras,DC12V,1A,connect 1—4 cameras
- 6: Power negative of cameras
- 9,10,11,12 : 1---4 channel video In positive
- 13: Video In negative
- 14: Video Out positive
- 15: Video Out negative
- 16: Audio In positive
- 17: Audio In/Out negative
- 18: Audio Out positive

**(ALL Designs and specifications are subject to change without notice.)**