

# **VPVC-200 CAMERA Manual**



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## Chapter 1 Introduction Of Product

<b>Hardware</b>	<b>Sensor</b>	2.0M, 1/3INCH
	<b>Full Resolution</b>	1600 × 1200 (UXGA)
	<b>Frame rate</b>	10-15 <b>(USB2.0)</b>
		720P/1024×768/1280×1024/1366×768 @ 60HZ
<b>Function</b>	<b>White Balance</b>	Auto
	<b>Light</b>	Auto
	<b>Color</b>	Color/ B&W
	<b>Negative</b>	Support
	<b>Mirror</b>	Left/right, Up/Down
	<b>Freeze</b>	Support
	<b>OSD</b>	English/Chinese
	<b>Picture compare</b>	Captured picture dynamic video 1/2 screen compare
	<b>Contrast</b>	Support
	<b>Saturation</b>	Support
	<b>Cross cursor</b>	support, different color
	<b>Line</b>	different color,2 horizontal line 2 vertical line, any positions
	<b>Digital Noise reducer</b>	Support
<b>Output</b>	<b>VGA (RGB)</b>	720P/1024×768/1280×1024/1366×768 @ 60HZ
	<b>USB</b>	USB2.0
	<b>CVBS</b>	CVBS output

**1.1 Technical characteristics**

**Chapter 2 Button Function**



**1 Power Supply** : DC 5V.

**2.VIDEO OUT:** Standard VGA.

**3. USB OUT:** USB Port

**4. CVBS OUT**

**5. CVBS/VGA Switch**

**Menu five buttons:**

- Menu/DEL
- ▲ UP/SAVE
- ▼ DOWN/RECALL
- ◀ LEFT
- ▶ RIGHT

1. Before OSD menu open, buttons are shortcut keys.

LEFT is Auto Exposure (AE) function.

RIGHT is Auto White Balance (AWB) function.

MENU is enter menu.

Up is digital ZOOM in Function. You should keep press this button. And the screen will show “Tele 1”

Down is digital Zoom out function. If you have not zoom in the photo, the picture will not change. And the screen will show “wide1” .

2. When you enter RECALL function (Attention: You should save the picture first, then enter RECALL, Freeze, Compare function), left, right button can preview the saved pictures. Menu can delete the current picture. If the delete picture is the last one, after you click “Menu” button, the camera will out of the recall function.

3. UP and DOWN can out of recall function.

Attention: The saved pictures is saved in ram. When you turn off the camera, the saved pictures will disappeared.

## Chapter 3 OSD Function

### 3.1 Button and OSD

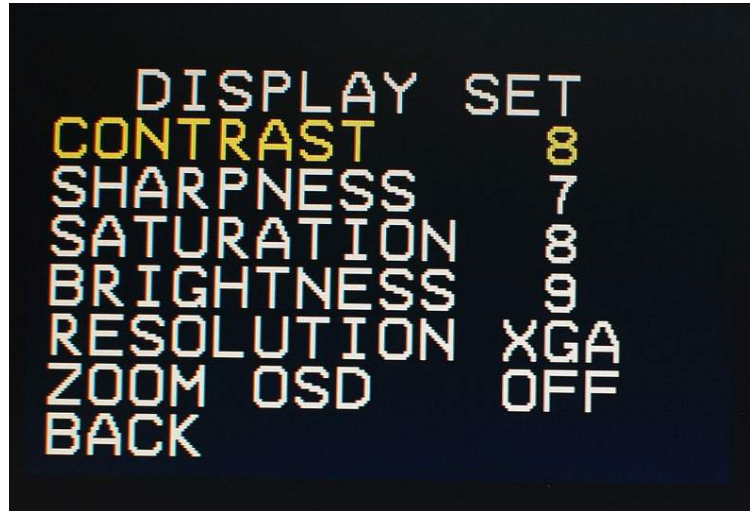
When you enter the menu, up/down can move the **selection box**,  
**the left/right button to confirm choice.**

### 3.2 OSD Function

The Main Menu:



### 3.2.1 Display setting



**Contrast:** video contrast

**Sharpness:** video Sharpness

**Saturation:** Video Saturation

**Brightness:** Video Brightness

**Resolution:** Only For vga mode, support SXGA(1280\*1024)、XGA (1024\*768 Default)、WXGA(1366X768) 和 720P(800\*600)。Four resolution (**Attention: When you use Freeze funtion, Change resolution will back to dynamic video. And the saved pictures will be deleted.**)

**Zoom OSD: OFF, on**

**Back:** Menu button or chose Reback then click left/right button.

### 3.2.2 Camera setting



**Language:** English and Chinese (Default English)

**Flicker :** Remove Flicker. Support 50Hz and 60HZ .

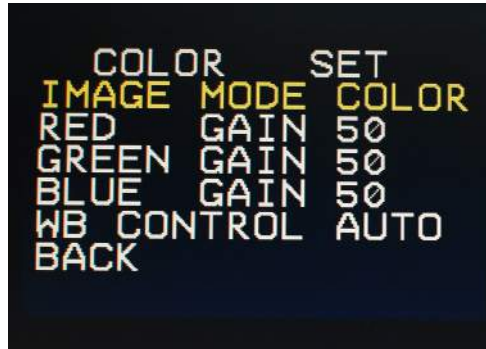
**Exposure :** “Auto” means auto exposure. “ONCE” means exposure once. Then the camera will not auto exposure.

**Reset:** Menu button confirm, all parameters recover to default and dynamic video.

**Back:** Menu button or chose Reback then click left/right button.



### 3.2.3 Color Setting



**Image Mode:** Color :Color mode

Mono: Mono mode

NEG: Negative Mode

**Red Gain:** Default 50, Gain=1;

**Green Gain:** Default 50, Gain=1;

**Blue Gain:** Default 50, Gain=1;

**WB Control:** White balance control . “Auto” means auto white balance according the pictures. “ONCE” means white balance once. Then the camera will not auto exposure.

Attention: When you choose the white balance, the gain will back to 50.

**Back:** Menu button or chose Reback then click left/right button.

### 3.2.4 line Setting



**Cross:** on/off. Default Off.

**Line:** Choose different lines. Supply 1,2,3,4,5,6 six lines in screen. You should choose line name first, then control the line with other setting include line dir,line size, position, line color.

**Line DIR:** off/hor/Ver

**Line size:** 1-5

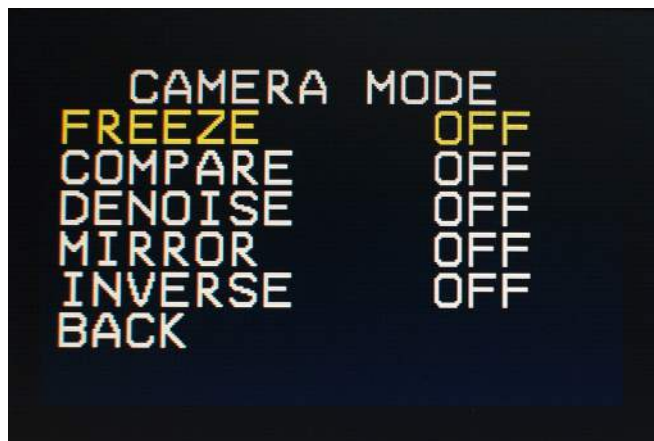
**Position:** left/right change the line position. It will be saved.

**Attention: Please remember your resolution, if the position is out of resolution. You can not see the line.**

**Line Color:** Red Green Blue White Black

**Back:** Menu button or chose Reback then click left/right button.

### 3.2.5 Special Setting



**Freeze:** Freeze Current picture

**Compare :** Left/Right/OFF, Left means current picture will freeze in the left of screen.

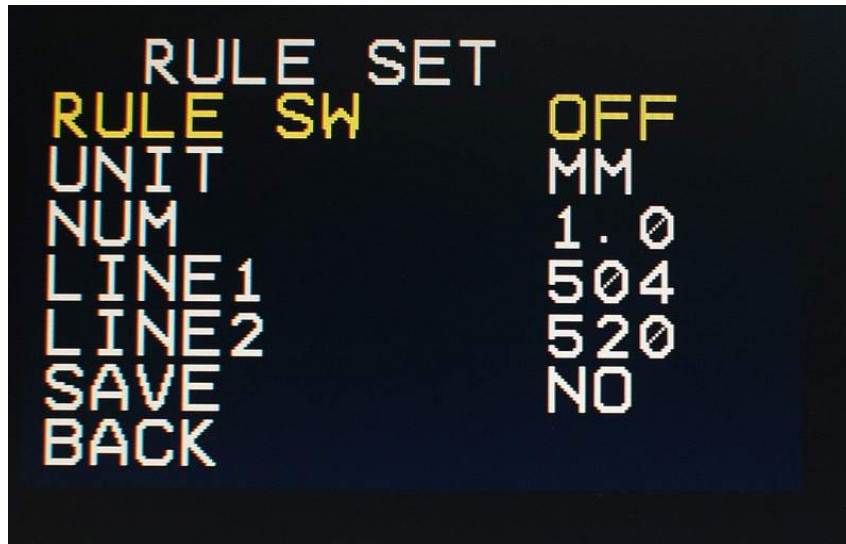
**Denoise** Reduce Picture noise.

**Mirror:** Mirror current picture

**Inverse:** Inverse Current picture

**Back:** Menu button or chose Reback then click left/right button

### 3.2.6 Rule Set



Rule Sw: OFF/on

Unit: mm,cm,um

Num: the detail length

Line1: the line 1 position

Line2: the line 2 position

Save: