

# Camera (1302E) OSD

## Operation Guide

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# About This Document

## Purpose

This document describes how to use the web management system for DVR and the cameras managed by DVR.

## Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 <b>DANGER</b>	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
 <b>WARNING</b>	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 <b>CAUTION</b>	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
 <b>NOTICE</b>	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results. NOTICE is used to address practices not related to personal injury.
 <b>NOTE</b>	Calls attention to important information, best practices and tips. NOTE is used to address information not related to personal injury, equipment damage, and environment deterioration.

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# Contents

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<b>About This Document</b> .....	<b>ii</b>
<b>1 OSD Main Menu</b> .....	<b>1</b>
1.1 Procedure.....	1
1.1.1 Camera Control Using Five Buttons.....	1
1.2 OSD Main Menu Interface .....	1
<b>2 OSD Setting</b> .....	<b>3</b>
2.1 AE.....	3
2.2 WB.....	4
2.3 DAY NIGHT.....	6
2.4 IMAGE ENHANCE .....	7
2.5 VIDEO SETTING .....	9
2.6 LANGUAGE .....	9
2.7 RESET .....	10
2.8 SAVE-EXIT.....	10
2.9 EXIT .....	10

# 1 OSD Main Menu

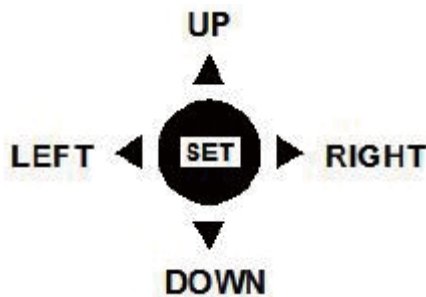
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## 1.1 Procedure

### 1.1.1 Camera Control Using Five Buttons

If your camera has four arrow buttons and one **SET** button, you can use the buttons to operate the OSD main menu. Figure 1-1 shows the five buttons.

**Figure 1-1** Five-button layout



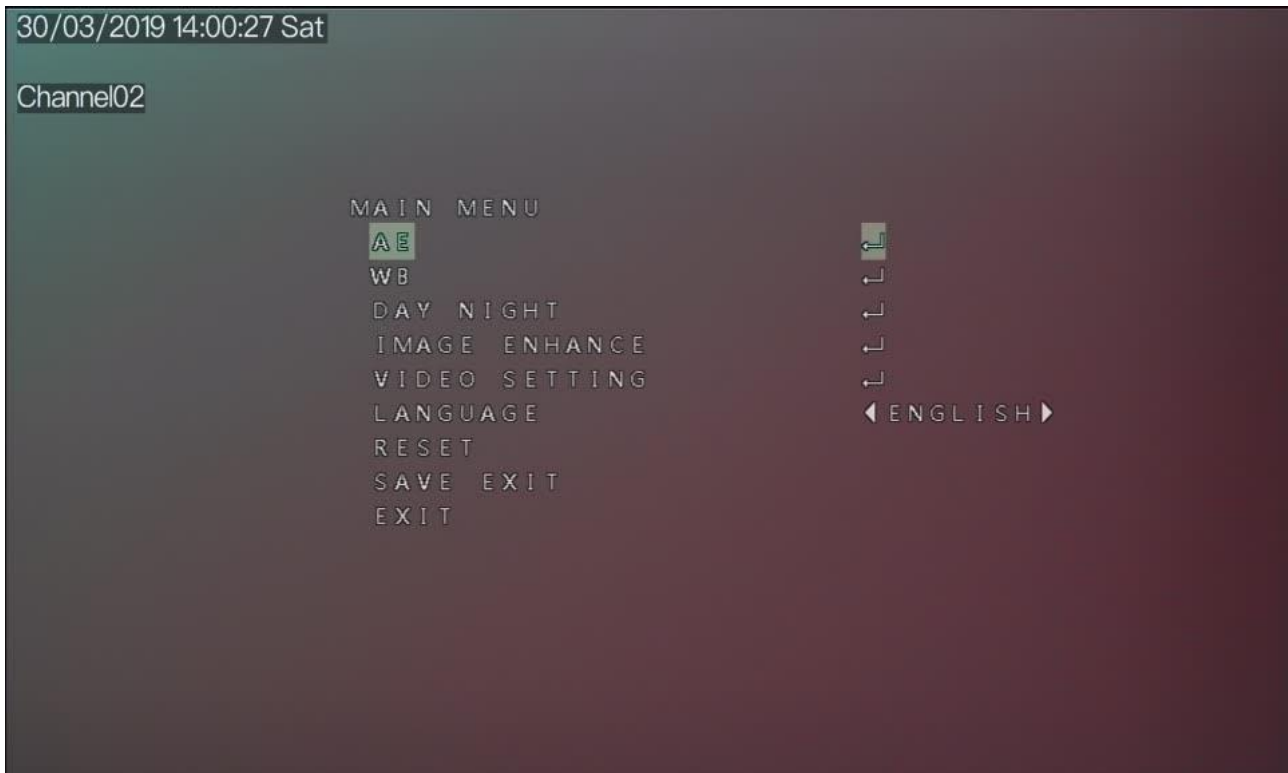
**The buttons have the following functions:**

- **SET:** Press this button to open the OSD main menu or end setup.
- **UP/DOWN:** Press the two buttons to select the upper or lower menu.
- **LEFT/RIGHT:** Press the two buttons to select different modes.

----End

## 1.2 OSD Main Menu Interface

The OSD main menu interface includes **AE**, **WB**, **DAY-NIGHT**, **VIDEO SETTING**, **LANGUAGE**, **RESET**, **SAVE - EXIT**, and **EXIT**, as shown in Figure 1-2.

**Figure 1-2** OSD main menu interface

----End

# 2 OSD Setting

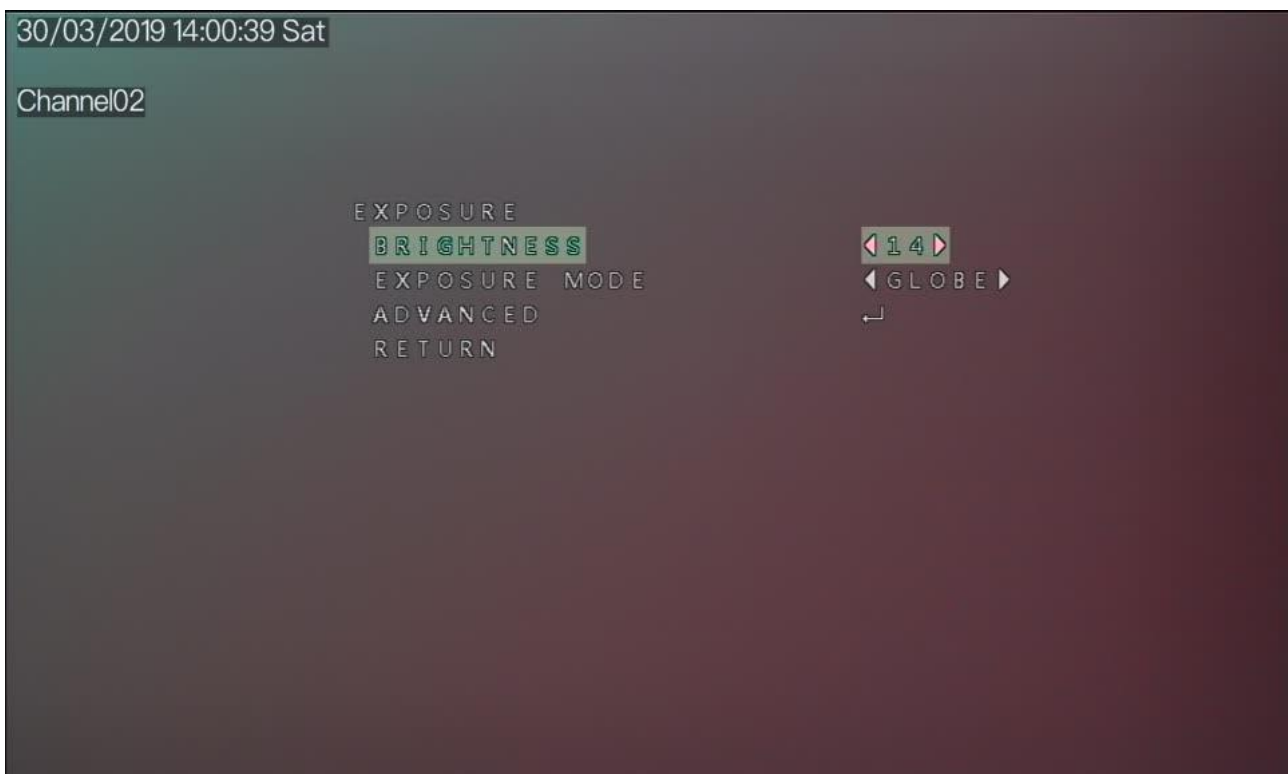
## 2.1 AE

AE is intended to adjust image brightness by setting parameters such as aperture, shutter, and gain. The **EXPOSURE** interface includes **BRIGHTNESS**, **EXPOSURE MODE**, **ADVANCED**.

### Procedure

- Step 1 Press the **UP** or **DOWN** button to select **AE**.
- Step 2 Press the **SET** button to open the **EXPOSURE** interface, as shown in Figure 2-1.

Figure 2-1 EXPOSURE interface



- Step 3 Press the **UP** or **DOWN** button to select **BRIGHTNESS** and press the **LEFT** or **RIGHT** button to select a brightness value. The default brightness is 16 and the setting range is 0-30.

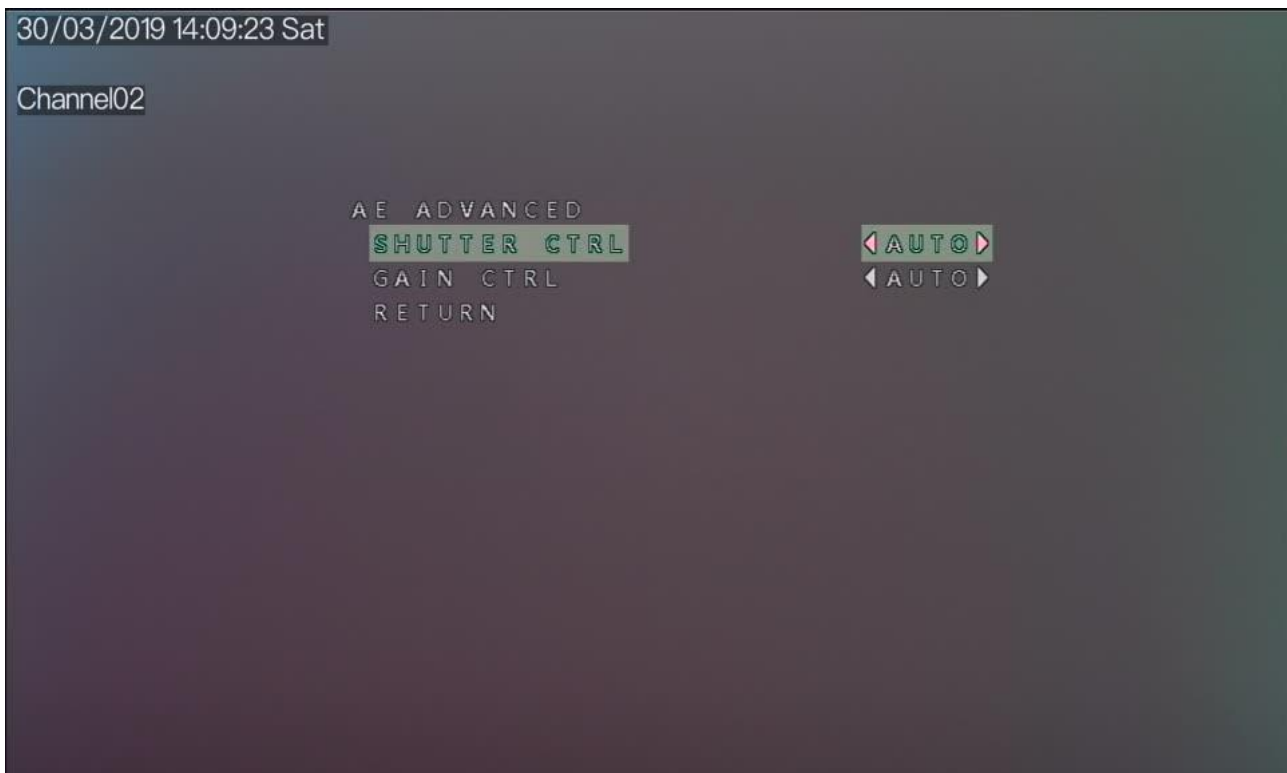
- Step 4 Press the **UP** or **DOWN** button to select **EXPOSURE MODE** and press the **LEFT** or **RIGHT** button to select a exposure mode.

The exposure mode includes **GLOBE**, and **BLC**.

- **BLC**: Press the **LEFT** or **RIGHT** button to select **BLC**, press the **LEFT** or **RIGHT** button to adjust **BLC** value. The default **BLC** is 4, and the setting range is 1-8.
- **GLOBE**: Press the **LEFT** or **RIGHT** button to select **GLOBE**.

- Step 5 Press the **UP** or **DOWN** button to select **ADVANCED** and press the **SET** button to set exposure parameters, as shown in Figure 2-2

**Figure 2-2** AE ADVANCED interface



- **SHUTTER CTRL**: Press the **UP** or **DOWN** button to select **SHUTTER CTRL**, press the **LEFT** or **RIGHT** button to select **AUTO** or **MANUAL**, manual mode, user adjust **SHUTTER**.
- Press the **UP** or **DOWN** button to select **GAIN CTRL** and press the **LEFT** or **RIGHT** button to select **AUTO** or **MANUAL**, **MANUAL** mode to adjust **ANALOG GAIN** and **DIGITAL GAIN**.

- Step 6 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

----End

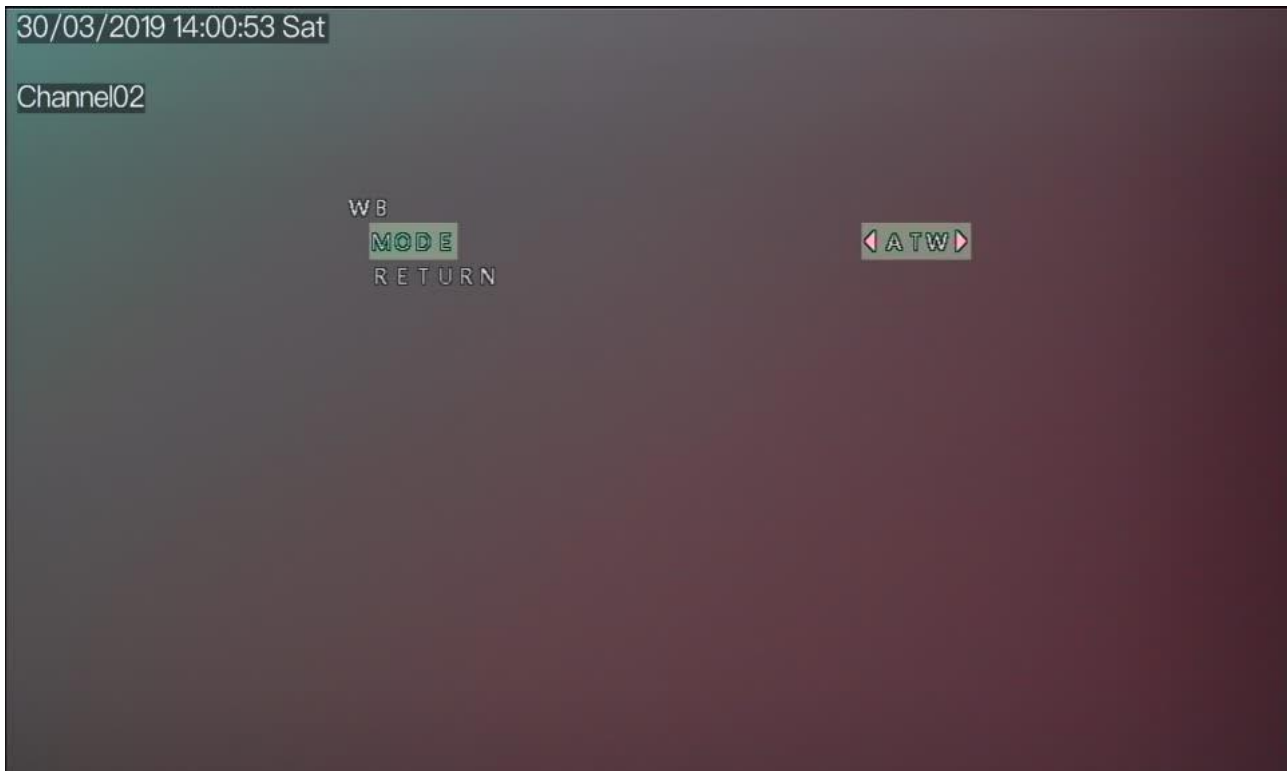
## 2.2 WB

White balance is intended to reproduce the actual colors of the observed scene when the illuminance and color temperature of the target object are changed. You can set **WB** to **MWB** or **ATW**.

## Procedure

- Step 1 Press the **UP** or **DOWN** button to select **WB**. Press the **SET** button to open the **WB** interface, as shown in Figure 2-3.

Figure 2-3 AWB interface



- Step 2 Press the **LEFT** or **RIGHT** button to set the **MODE**. The options are **ATW**, **MWB**. The default mode is **ATW**

When **MWB** mode is selected, you can set white balance parameters, as shown in Figure 2-4.



Figure 2-4 MWB interface



1. Press the **UP** or **DOWN** button to select **RGAIN**, and press the **LEFT** or **RIGHT** button to set **RGAIN**. The default RGAIN is 18 and the setting range is 0-32.
  2. Press the **UP** or **DOWN** button to select **BGAIN**, and press the **LEFT** or **RIGHT** button to set **BGAIN**. The default BGAIN is 18 and the setting range is 0-32
- Step 3 Press the **UP** or **DOWN** button to select **RETURN**, and press the **SET** button to return to the OSD main menu interface.

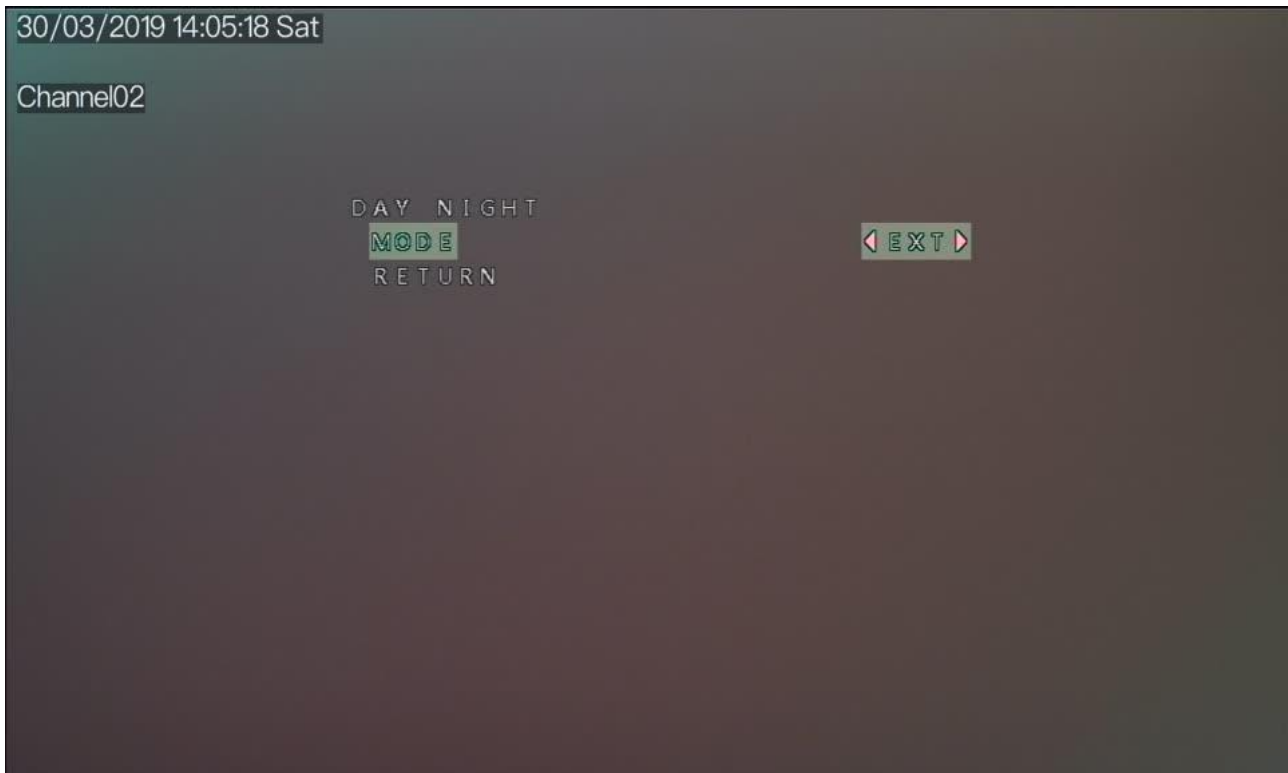
----End

## 2.3 DAY NIGHT

You can set **Day-Night** to **BW**, **COLOR**, **AUTO**, or **EXT**.

### Procedure

- Step 1 Press the **UP** or **DOWN** button to select **Day-Night**. Press the **SET** button to open the **Day/Night** interface, as shown in Figure 2-5.

**Figure 2-5** DAY/NIGHT interface

Step 2 Press the **LEFT** or **RIGHT** button to set the Mode.

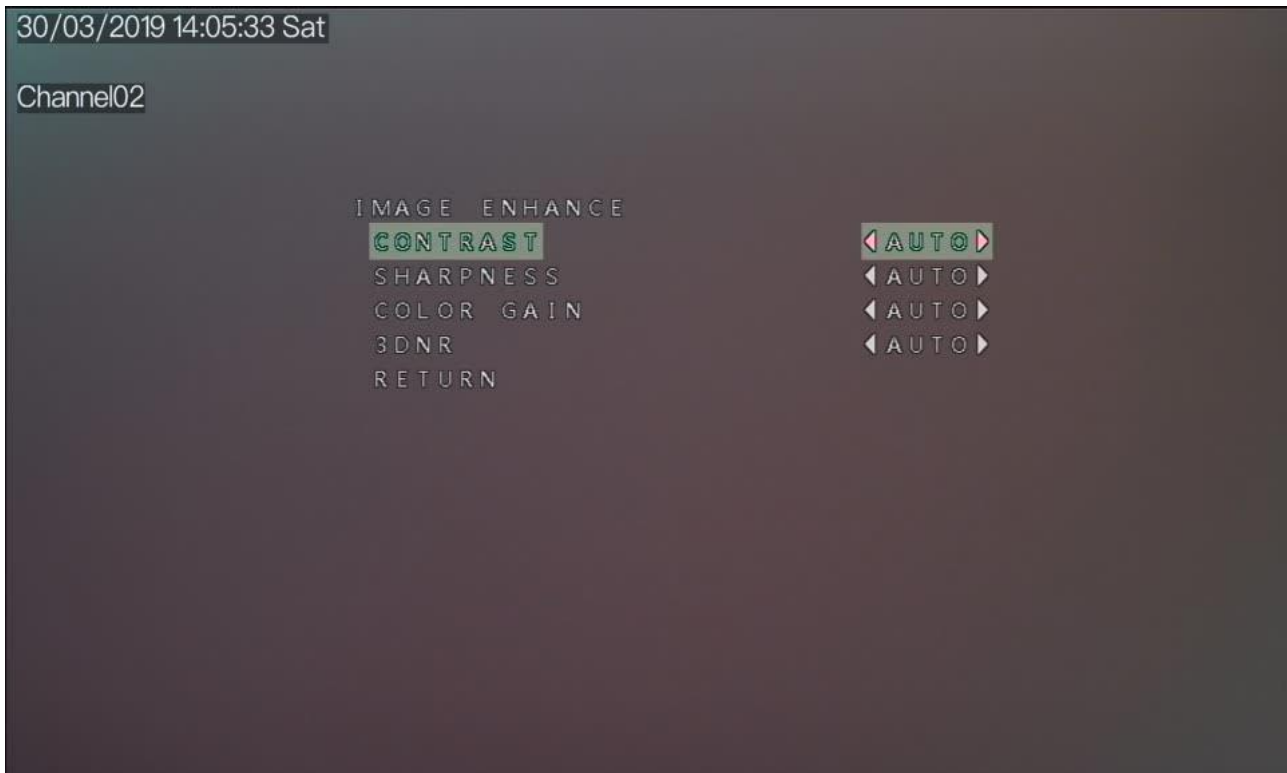
Step 3 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

---End

## 2.4 IMAGE ENHANCE

The **Image Enhance** interface includes **CONTRAST**, **SHARPNESS**, **COLOR GAIN** and **3DNR**, as shown in Figure 2-6.

Figure 2-6 Image enhance



## Procedure

- Step 1 Press the **UP** or **DOWN** button to select **IMAGE ENHANCE**. Press the **SET** button to open the **IMAGE ENHANCE** interface.
- Step 2 Press the **UP** or **DOWN** button to select **CONTRAST**. Press the **LEFT** or **RIGHT** button to choose manual or auto , manual mode need press **DOWN** button to go next one, press the **LEFT** or **RIGHT** button set the **CONTRAST** value. The default contrast is 35 and the setting range is 0-40.
- Step 3 Press the **UP** or **DOWN** button to select **SHARPNESS**. Press the **LEFT** or **RIGHT** button to choose manual or auto , manual mode need press **DOWN** button to go next one, press the **LEFT** or **RIGHT** button set the **SHARPNESS** value. The default sharpness is 5 and the setting range is 0-16.
- Step 4 Press the **UP** or **DOWN** button to select **COLOR GAIN**. Press the **LEFT** or **RIGHT** button to choose manual or auto , manual mode need press **DOWN** button to go next one, press the **LEFT** or **RIGHT** button set the **COLOR GAIN** value. The default color gain is 8 and the setting range is 0-30.
- Step 5 Press the **UP** or **DOWN** button to select **3DNR**. Press the **LEFT** or **RIGHT** button to choose manual or auto , manual mode need press **DOWN** button to go next one, press the **LEFT** or **RIGHT** button set the **3DNR** value. The default DNR is 6 and the setting range is 0-30.
- Step 6 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

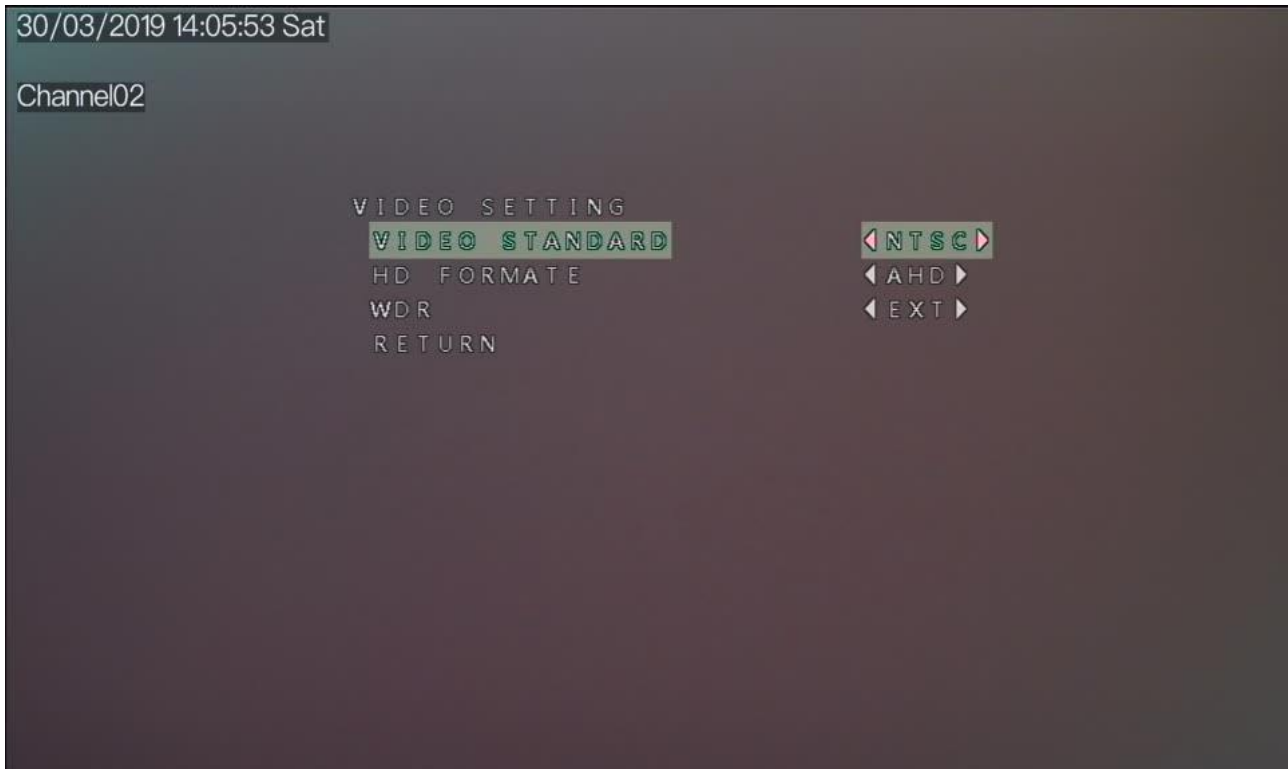
## 2.5 VIDEO SETTING

The **Video Setting** interface includes **VIDEO STANDRADN HD FORMAT** and **WDR**.

### Procedure

- Step 1 Press the **UP** or **DOWN** button to select **VIDEO SETTING**. Press the **SET** button to open the **VIDEO SETTING** interface, as shown in Figure 2-7.

**Figure 2-7** Video Setting interface



- Step 2 Press the **UP** or **DOWN** button to select **VIDEO STANDARD** and press the **LEFT** or **RIGHT** button to choose. The options are **PAL**, and **NTSC**. The default value is **PAL**. Switch the standard the screen will restart.
- Step 3 Press the **UP** or **DOWN** button to select **HD FORMATE**, and press the **LEFT** or **RIGHT** button to select **AHD**, **TVI**, **CVBS** or **CVI**. The default value is **AHD**.
- Step 4 Press the **UP** or **DOWN** button to select **WDR**, and press the **LEFT** or **RIGHT** button to select **EXT**, **CLOSE** or **OPEN**. The default value is **AHD**.
- Step 5 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

## 2.6 LANGUAGE

Press the **UP** or **DOWN** button to select **LANGUAGE**, and press the **LEFT** or **RIGHT** button to set this parameter. Supports 10 languages, English, Chinese, Traditional Chinese, Portuguese, Polish, French, Italian, Spanish, Russian, and Japanese.

## 2.7 RESET

Press the **UP** or **DOWN** button to select **RESET**, and press the **SET** button to reset the camera OSD parameter.

## 2.8 SAVE-EXIT

Press the **UP** or **DOWN** button to select **SAVE-EXIT**, and press the **SET** button to save the OSD settings and return to the camera's real-time video interface.

## 2.9 EXIT

Press the **UP** or **DOWN** button to select **EXIT**, and press the **SET** button to discard the OSD settings and return to the camera's real-time video interface.