



# Camera OSD Operation Guide

For R2-HD5MPDME

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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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# 1 OSD Main Menu

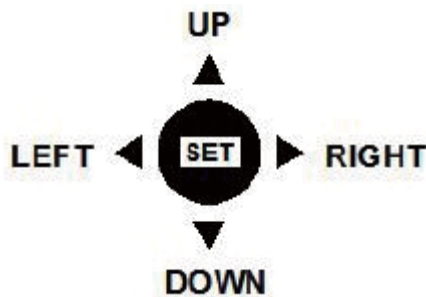
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## 1.1 Procedure

### 1.1.1 Camera Control Using Joystick

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 joystick.

Figure 1-1 Joystick layout



The buttons have the following functions:

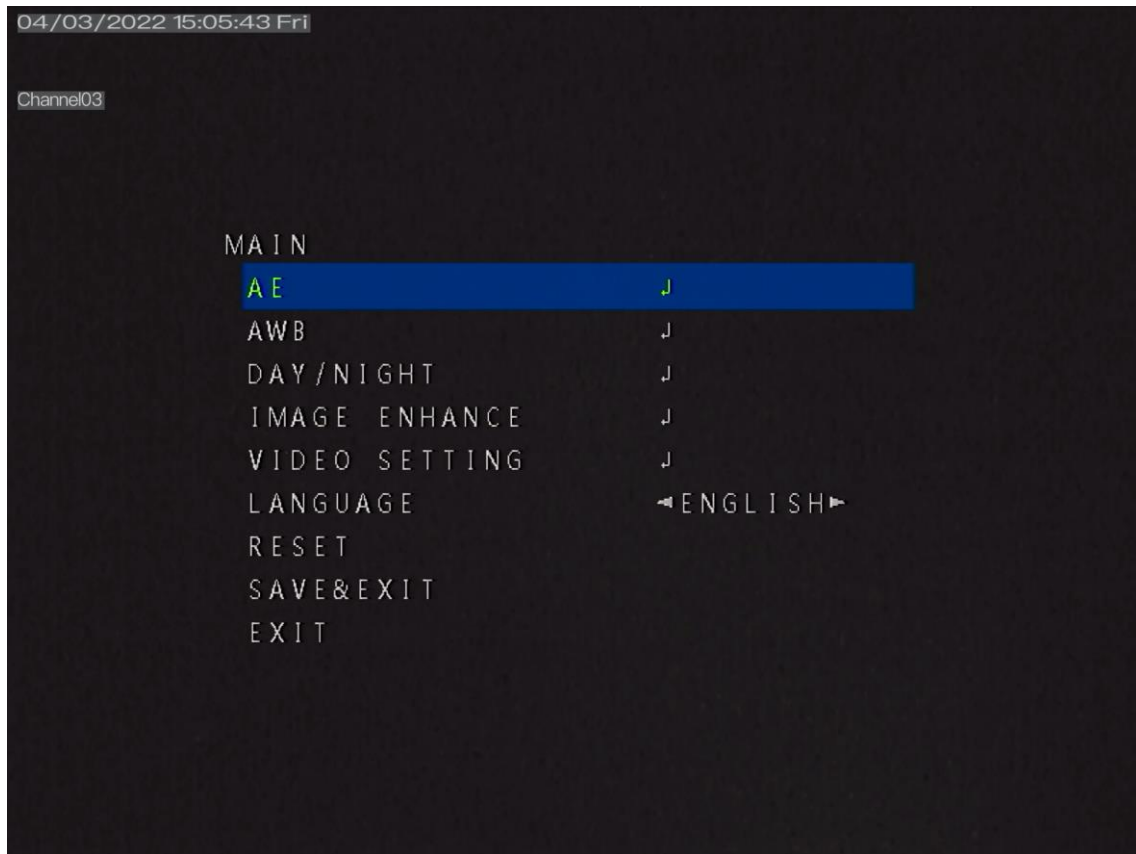
- **SET:** Press this button to open the OSD main menu or end setup.
- **UP/DOWN:** Press the two buttons to select the upper or lower menu.
- **LEFT/RIGHT:** Press the two buttons to select different modes.

----End

## 1.2 OSD Main Menu Interface

The OSD main menu interface includes **AE**, **AWB**, **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

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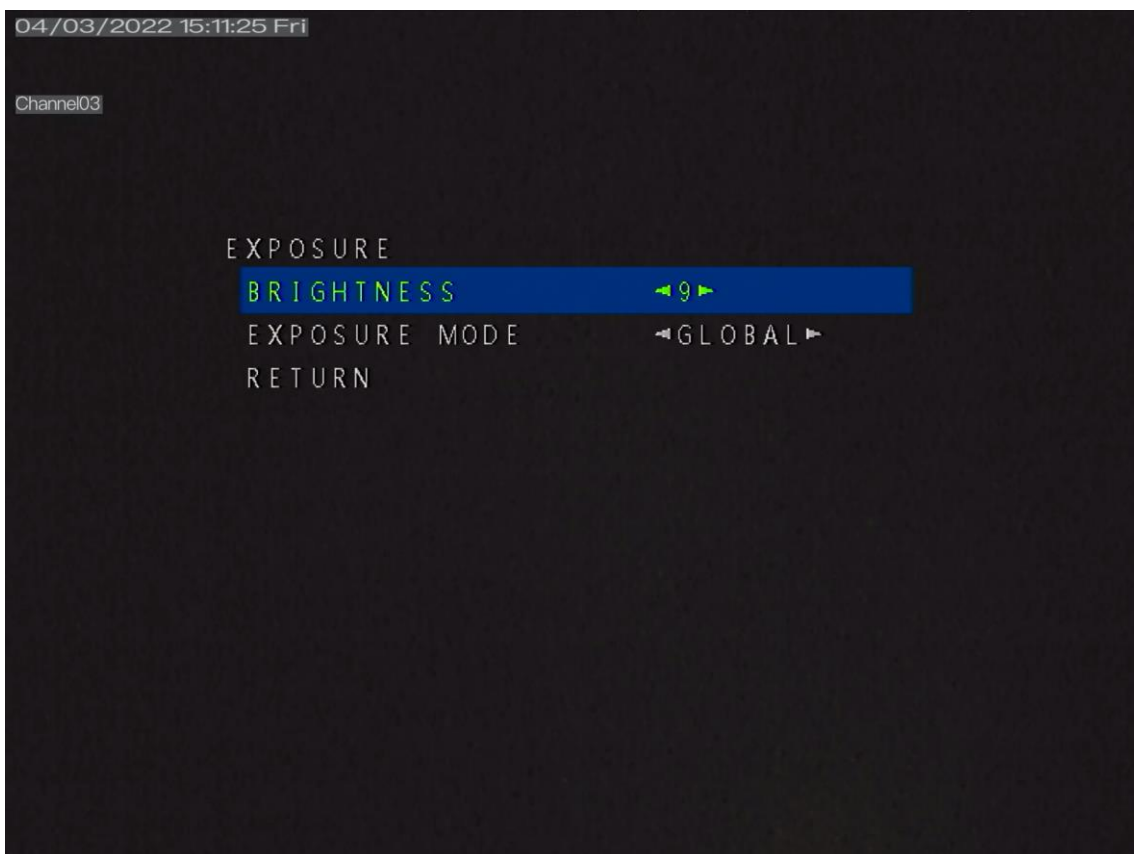
## 2.1 AE

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

### 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 6 and the setting range is 0-100.

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**, **CENTER**, 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 1 and the setting range is 1-9.
- **GLOBE**: Press the **LEFT** or **RIGHT** button to select **BLC**.

Step 5 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

----End

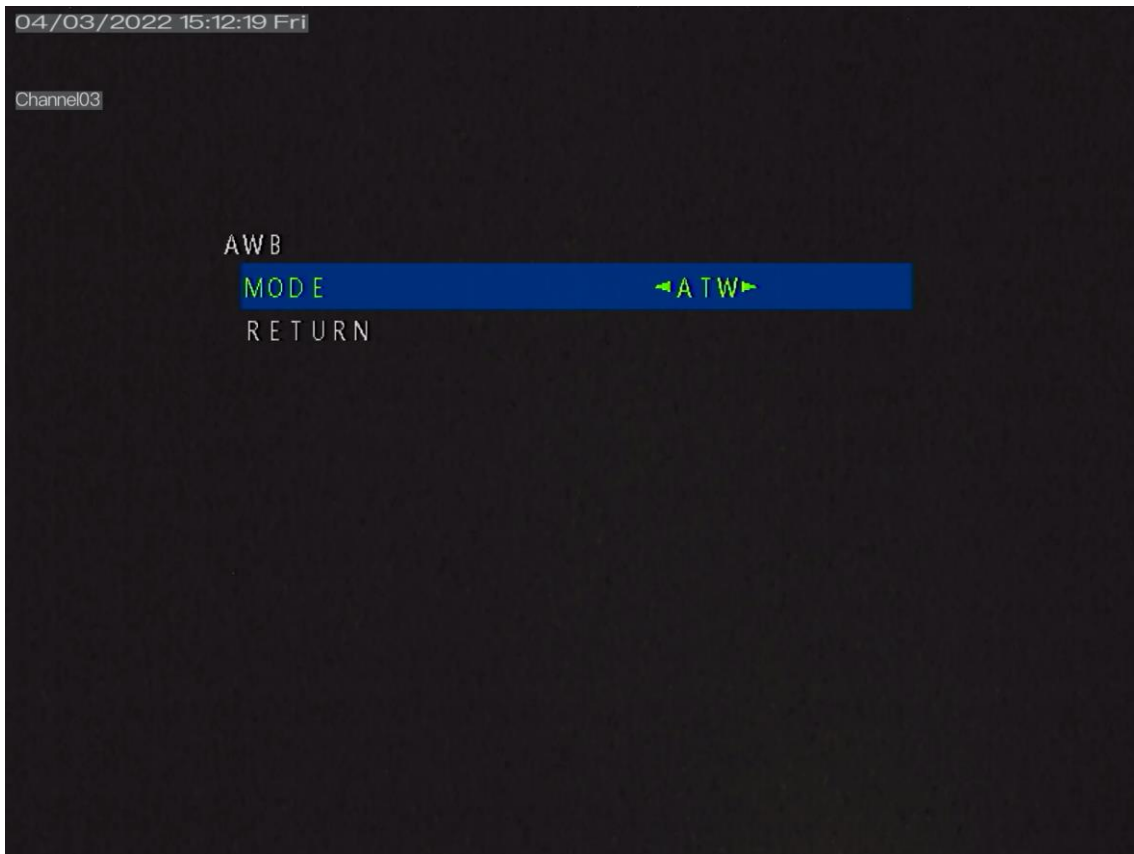
## 2.2 AWB

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 **GRAY WORLD**, **MWB** or **PRO**.

### Procedure

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

**Figure 2-2 AWB interface**

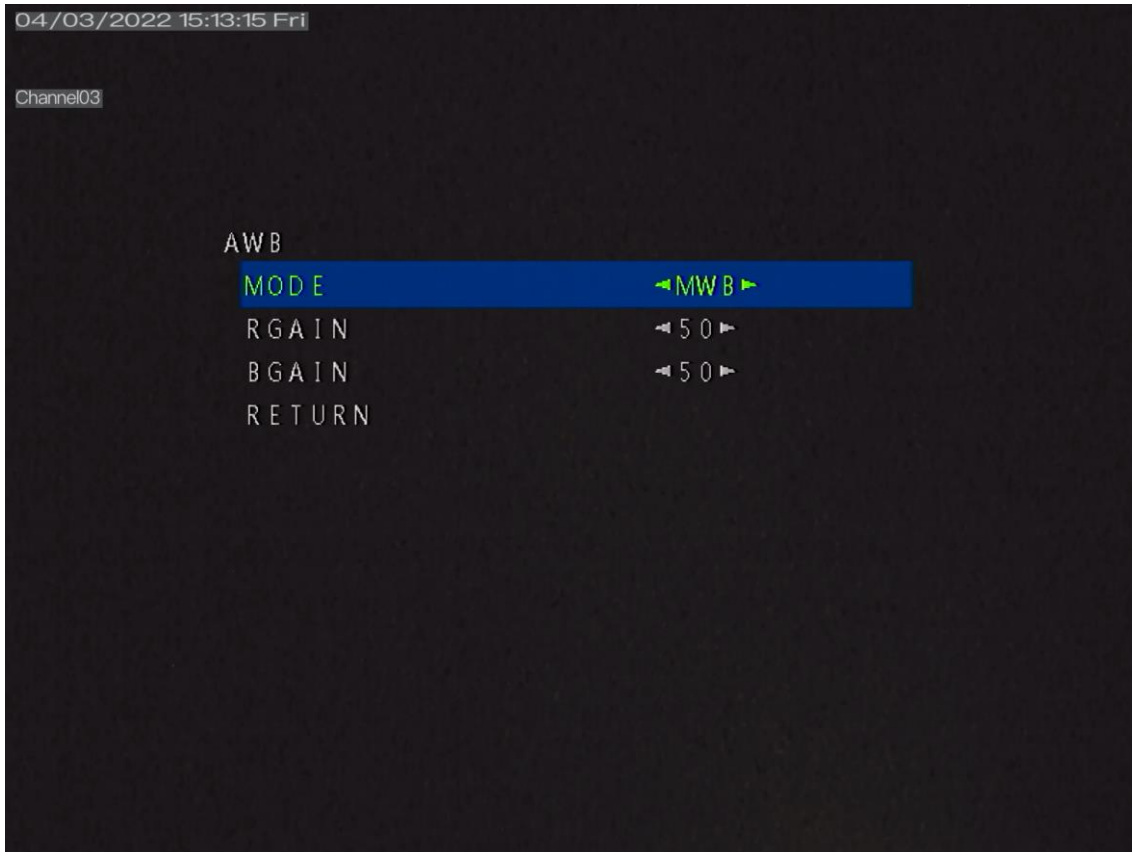


Step 2 Press the **LEFT** or **RIGHT** button to set the **MODE**. The options are **ATW** and **MWB**. The default mode is **MWB**

When **MWB** mode is selected, you can set white balance parameters, as shown in Figure 2-3.



Figure 2-3 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 50 and the setting range is 0-100.
2. Press the **UP** or **DOWN** button to select **BGAIN**, and press the **LEFT** or **RIGHT** button to set **BGAIN**. The default **BGAIN** is 50 and the setting range is 0-100.

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 **B / W**, **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 2-4.

**Figure 2-4** DAY/NIGHT interface



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

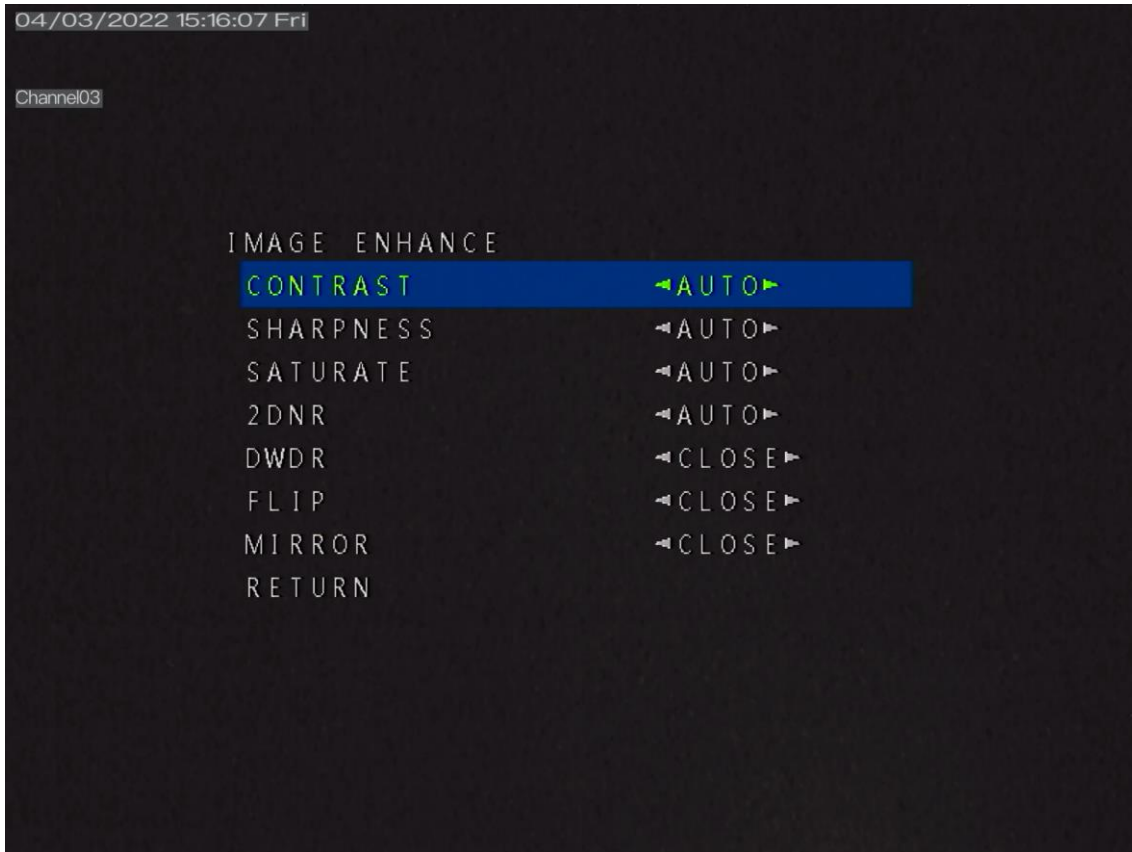
Step 3 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

----End

## 2.4 IMAGE ENHANCE

The **Image Enhance** interface includes **CONTRAST**, **SHARPNESS**, **SATURATE**, **2 DNR**, **D-WDR**, **FLIP**, **MIRROR** and, as shown in Figure 2-5.

Figure 2-5 Image enhance



## Procedure

- Step 2 Press the **UP** or **DOWN** button to select **IMAGE ENHANCE**. Press the **SET** button to open the **IMAGE ENHANCE** interface.
- Step 3 Press the **UP** or **DOWN** button to select **CONTRAST**. Press the **LEFT** or **RIGHT** button to set the **CONTRAST** mode, **AUTO** and **MANUAL**. The **MANUAL** setting range is 0-10.
- Step 4 Press the **UP** or **DOWN** button to select **SHARPNESS**. Press the **LEFT** or **RIGHT** button to set the **SHARPNESS** mode, **AUTO** and **MANUAL**. The **MANUAL** setting range is 0-10.
- Step 5 Press the **UP** or **DOWN** button to select **SATURATE**. Press the **LEFT** or **RIGHT** button to set the **SATURATE** mode, **AUTO** and **MANUAL**. The **MANUAL** setting range is 0-10.
- Step 6 Press the **UP** or **DOWN** button to select **2 DNR**. Press the **LEFT** or **RIGHT** button to set the **DNR** value. The default **DNR** is 4 and the setting range is 1-16.
- Step 7 Press the **UP** or **DOWN** button to select **D-WDR**. Press the **LEFT** or **RIGHT** button to choose **CLOSE** or **OPEN**.
- Step 8 Press the **UP** or **DOWN** button to select **FLIP**. Press the **LEFT** or **RIGHT** button to choose **CLOSE** or **OPEN**.
- Step 9 Press the **UP** or **DOWN** button to select **MIRROR**. Press the **LEFT** or **RIGHT** button to choose **CLOSE** or **OPEN**.
- Step 10 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

----End

Step 11

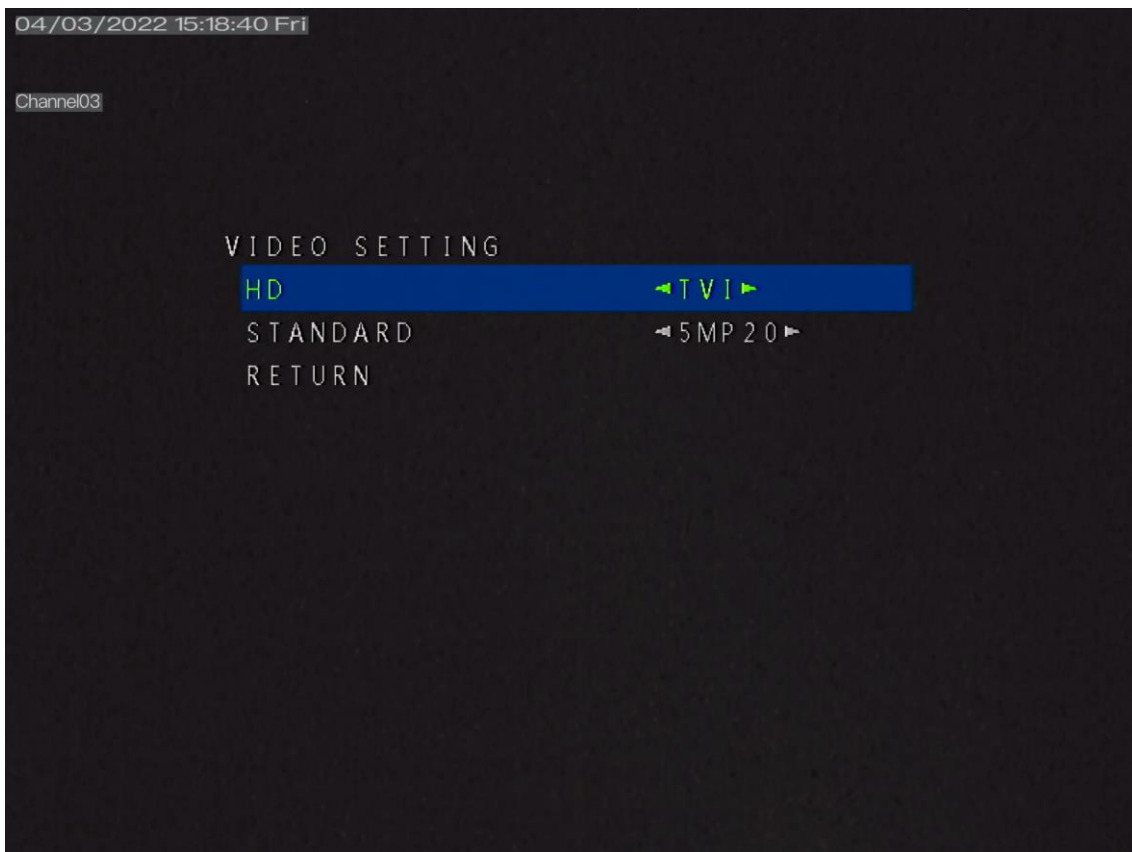
## 2.5 VIDEO SETTING

The **Video setting** interface includes **HD** and **VIDEO STANDRAD**.

### 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 2-6.

**Figure 2-6** Video Setting interface



- Step 2** Press the **UP** or **DOWN** button to select **HD**, and press the **LEFT** or **RIGHT** button the interface will show more item **APPLY & REBOOT**. The options are **AHD**, **CVBS**, **TVI** and **CVI**. The default value is **AHD**.
- Step 3** Press the **UP** or **DOWN** button to select **VIDEO STANDARD** and press the **LEFT** or **RIGHT** button to choose. When the HD mode is CVBS, the video standard modes are PAL and NTSC. Other HD modes, the HD video standard are **1080 P 25,1080 P 30, 4MP 25, 4MP 30 4MP 15, 5MP 20**, and **5MP 12.5** . The CVI video standard are **4MP 25, 5MP 20, 4MP 30 , 1080 P 25,1080 P 30**. The default value is **4MP 25**. Switch the standard the screen will show **APPLY &REBOOT**. Press the **SET** to apply standard.

**Step 4** 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 11 languages, English, Chinese, Traditional Chinese, Russian, Spanish, French, Polish, Italian, Portuguese, Japanese, Korean.

## 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.