



Camera OSD Operation Guide

For R2-HD2MPEYE R2-HD2MPBUL

ISSUE

V1.0

DATE

2022-03-01






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
 DANGER	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
 NOTICE	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.
 NOTE	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.

Contents

About This Document	ii
1 OSD Main Menu	1
1.1 Procedure.....	1
1.1.1 Camera Control Using Five Buttons.....	1
1.2 OSD Main Menu Interface	1
2 OSD Setting	3
2.1 AE.....	3
2.2 AWB	4
2.3 DAY NIGHT.....	5
2.4 IMAGE ENHANCE	6
2.5 VIDEO SETTING	8
2.6 LANGUAGE	8
2.7 FUNC	9
2.8 RESET	11
2.9 SAVE-EXIT.....	11
2.10 EXIT	12

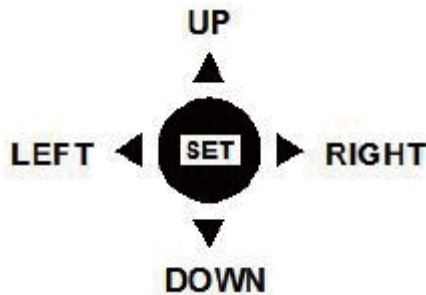
1 OSD Main Menu

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:

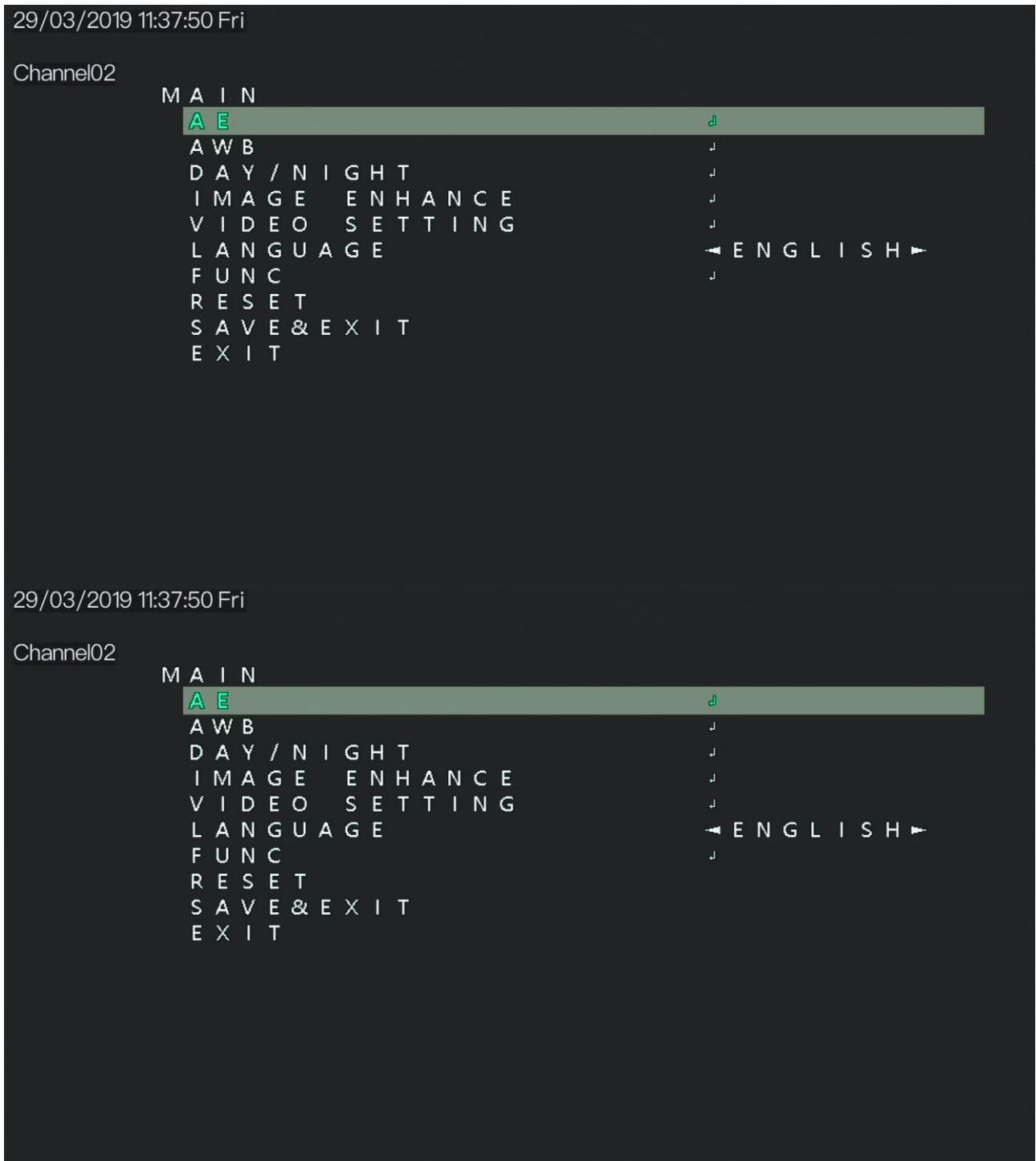
- **SET:** Press this button to open the OSD main menu or end setup.
- **UP/DOWN:** Press the two buttons to select the upper or lower menu.
- **LEFT/RIGHT:** Press the two buttons to select different modes.

----End

1.2 OSD Main Menu Interface

The OSD main menu interface includes **AE**, **AWB**, **DAY / NIGHT**, **IMAGE ENHANCE**, **VIDEO SETTING**, **LANGUAGE**, **FUNC**, **RESET**, **SAVE & EXIT**, and **EXIT** as shown in Figure 1-2.

Figure 1-2 OSD main menu interface



----End

2 OSD Setting

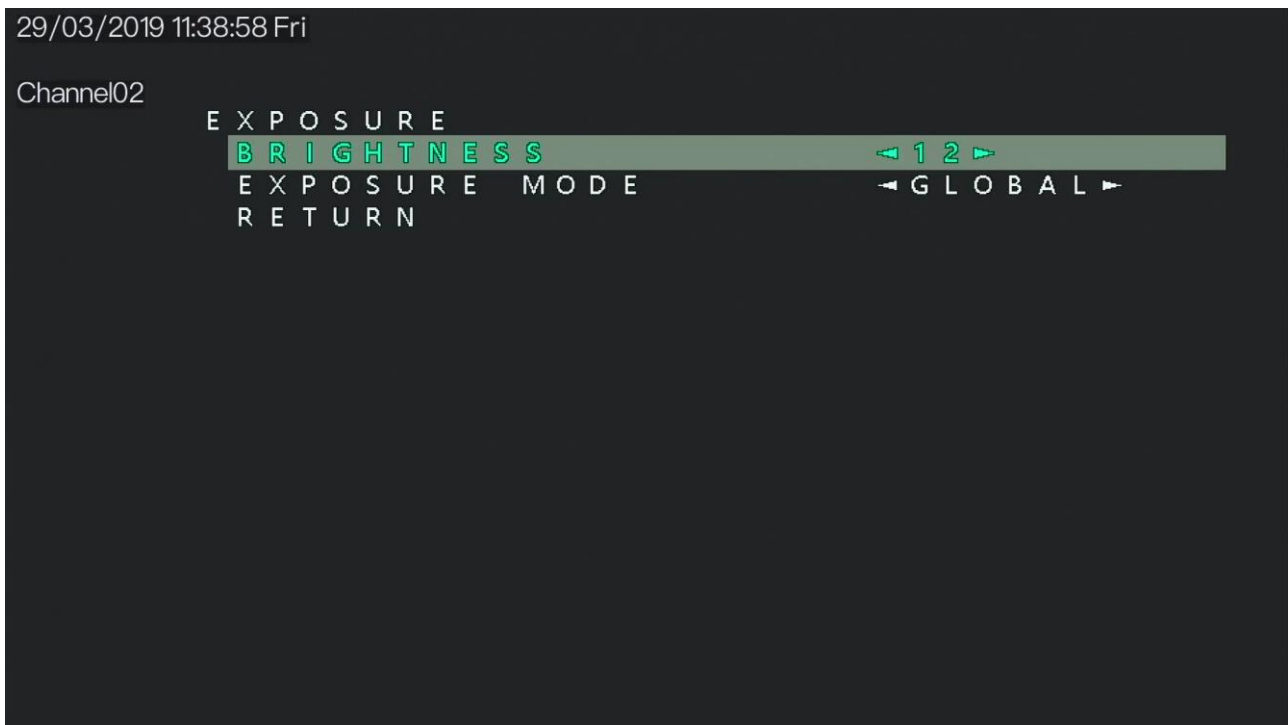
2.1 AE

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

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 0-100.

- 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**, 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 0-7.
- **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

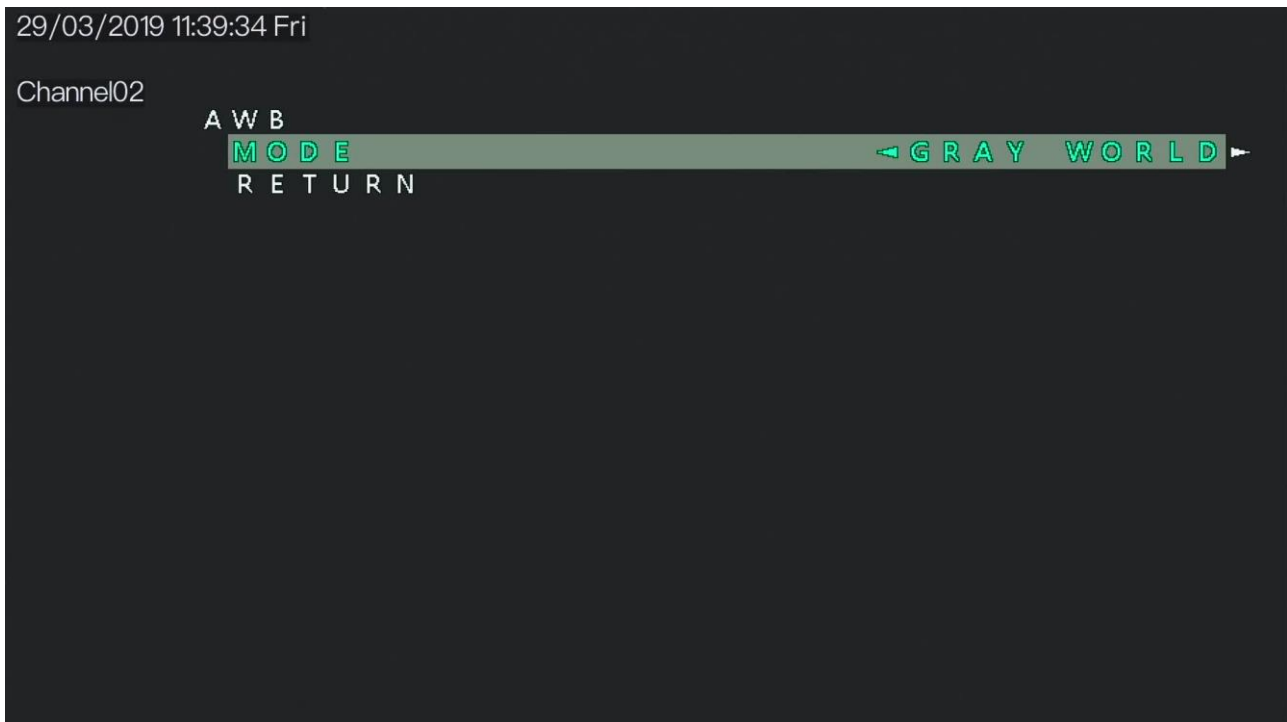
2.2 AWB

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.

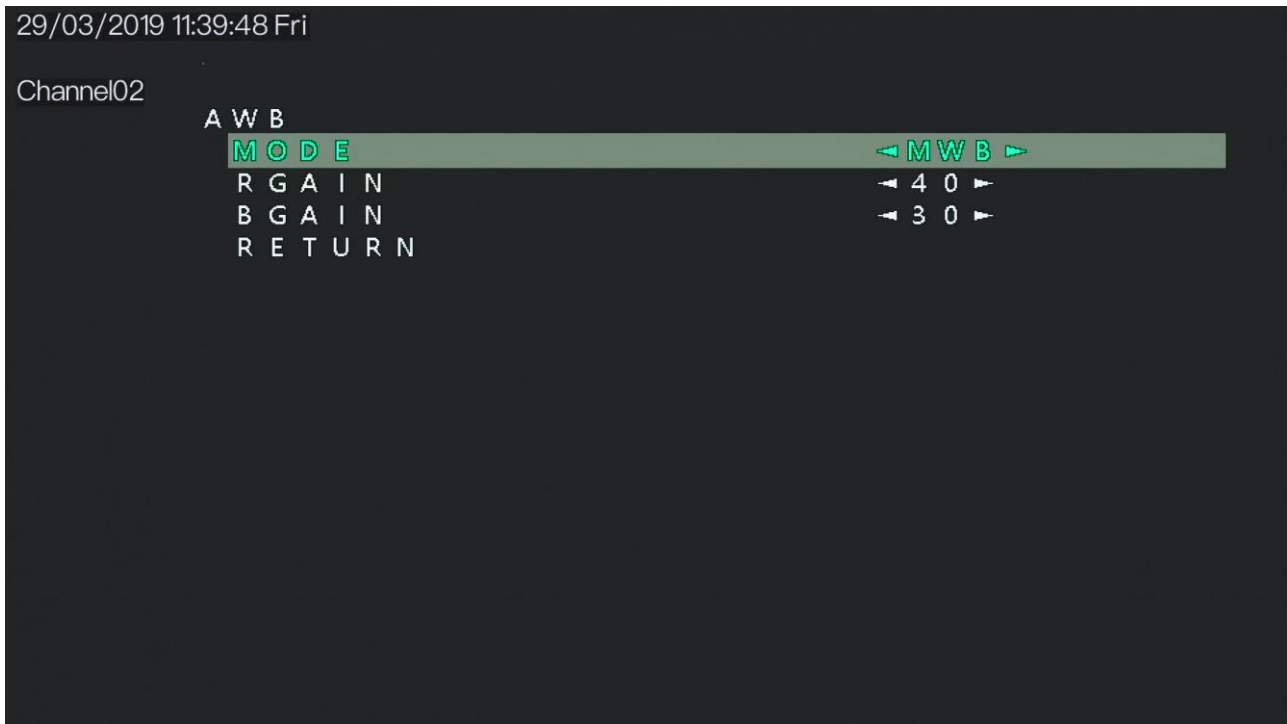
Figure 2-2 AWB interface



- Step 2 Press the **LEFT** or **RIGHT** button to set the **MODE**. The options are **GARY WORLD**, **MWB** and **PRO**. The default mode is **GRAY WORLD**

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 40 and the setting range is 0-127.
2. Press the **UP** or **DOWN** button to select **BGAIN**, and press the **LEFT** or **RIGHT** button to set **BGAIN**. The default BGAIN is 30 and the setting range is 0-127.

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

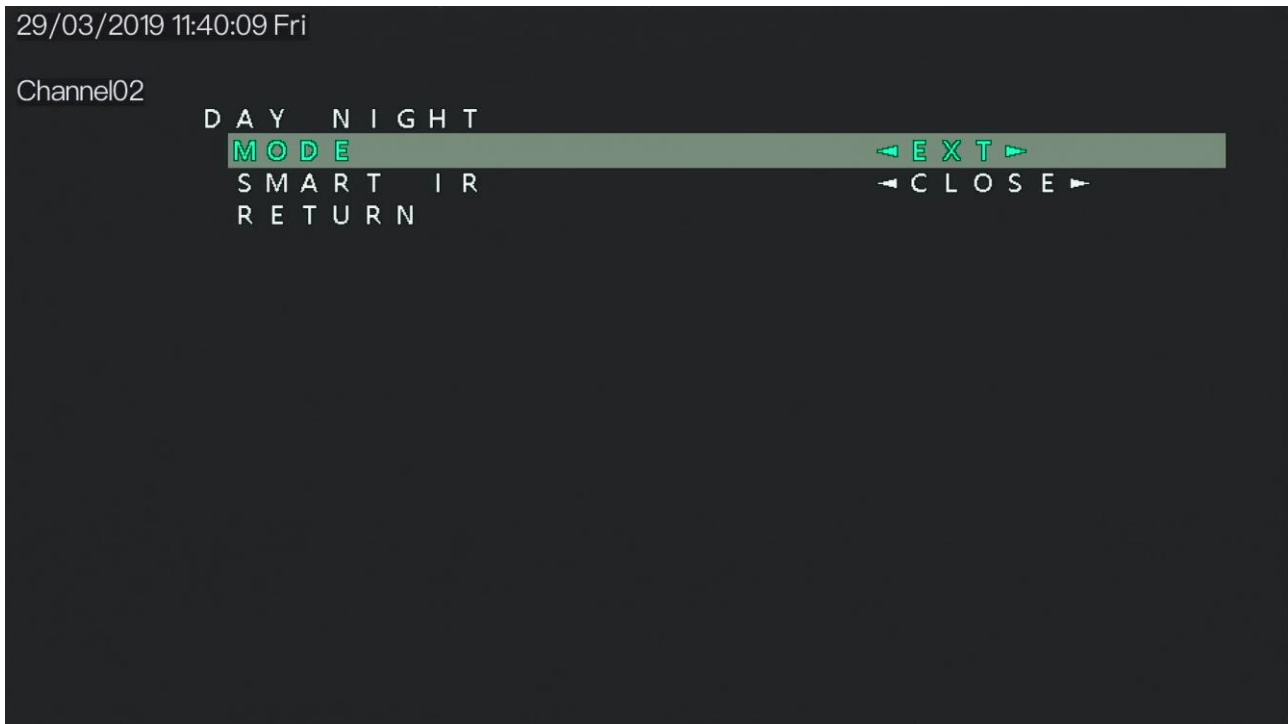
2.3 DAY NIGHT

You can set **Day-Night** to **MONO**, **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 **SMART IR** to close or open.

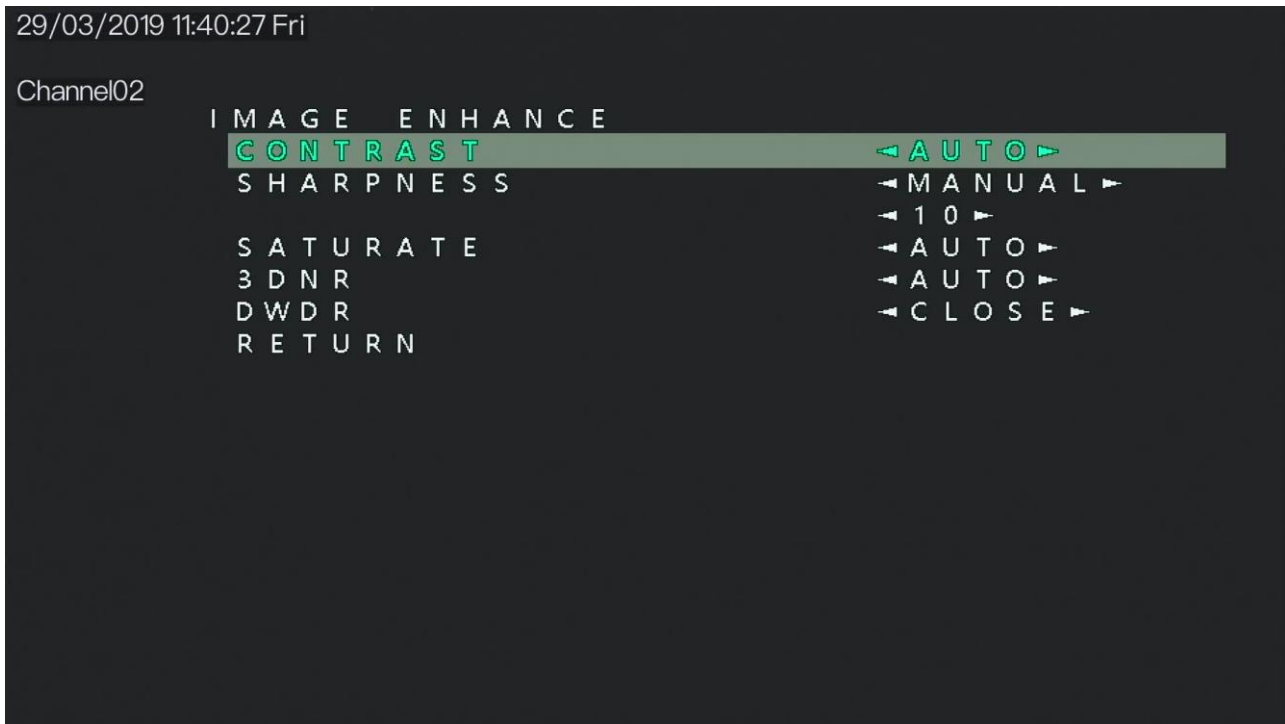
Step 4 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

----End

2.4 IMAGE ENHANCE

The **Image Enhance** interface includes **CONTRAST**, **SHARPNESS**, **SATURATE**, **3DNR** and **DWDR**, as shown in Figure 2-5.

Figure 2-5 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 5 and the setting range is 0-10.
- 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 10 and the setting range is 0-10.
- Step 4 Press the **UP** or **DOWN** button to select **SATURATE**. 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 **SATURATE** value. The default color gain is 5 and the setting range is 0-10.
- 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 0 and the setting range is 0-10.
- Step 6 Press the **UP** or **DOWN** button to select **DWDR**. Press the **LEFT** or **RIGHT** button to choose **CLOSE** or **OPEN**.
- Step 7 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

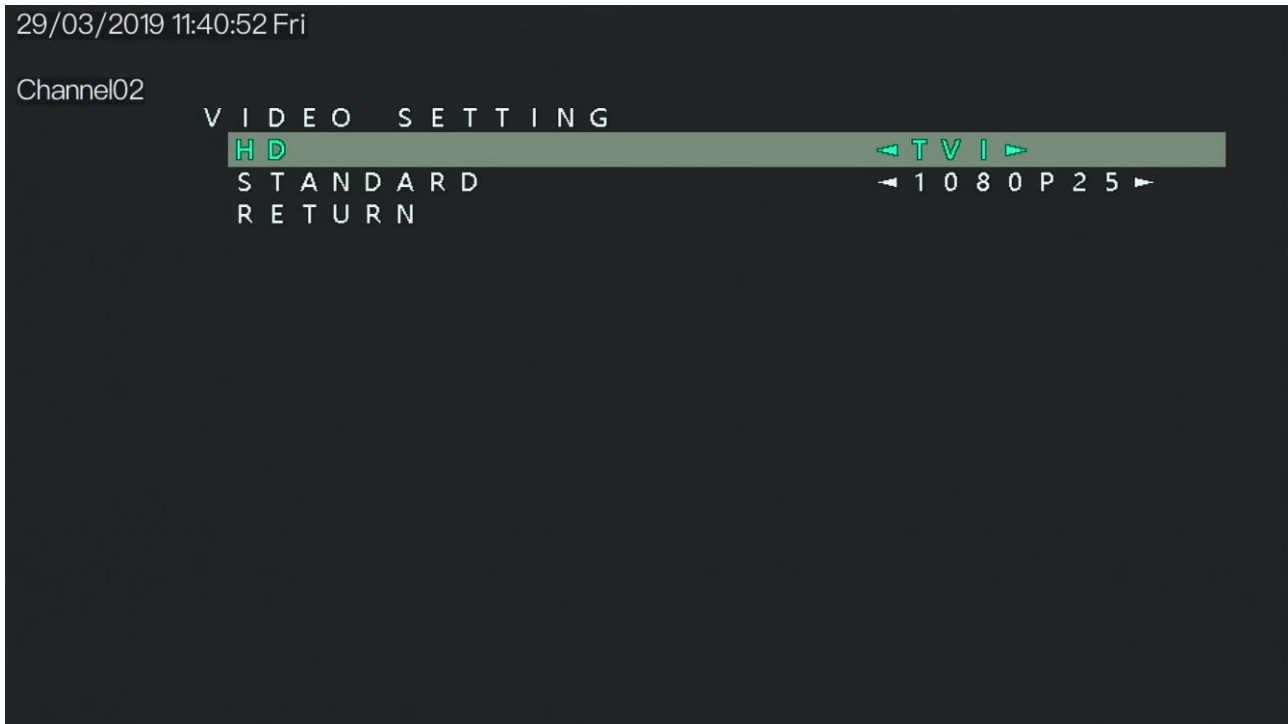
2.5 VIDEO SETTING

The **Video Setting** interface includes **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 FORMAT**, and press the **LEFT** or **RIGHT** button the interface will show more item **APPLY & REBOOT**. The options are **AHD**, **TVI**, **CVBS** 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. The options are **PAL**, and **NTSC**. The default value is **PAL**. 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, Portuguese, Polish, Korean, French, Italian, Spanish, Russian, and Japanese.

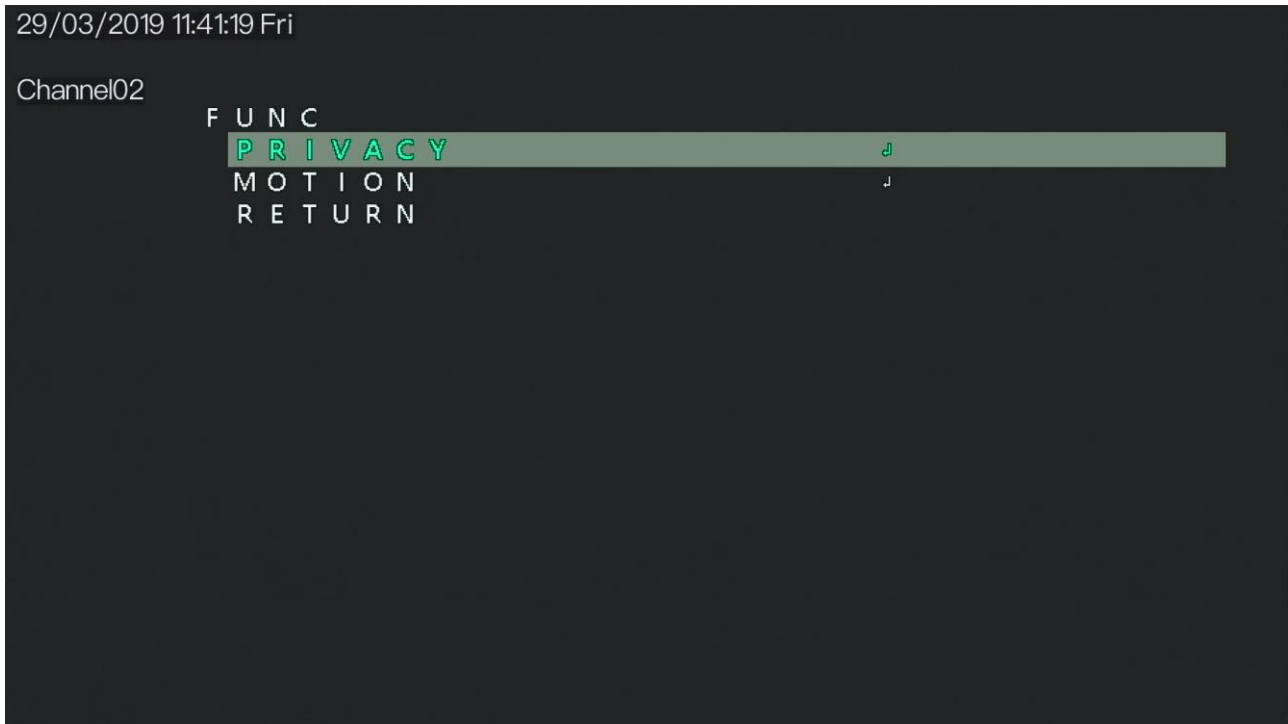
2.7 FUNC

The **FUNC** interface includes **PRIVACY** and **MOTION**.

Procedure

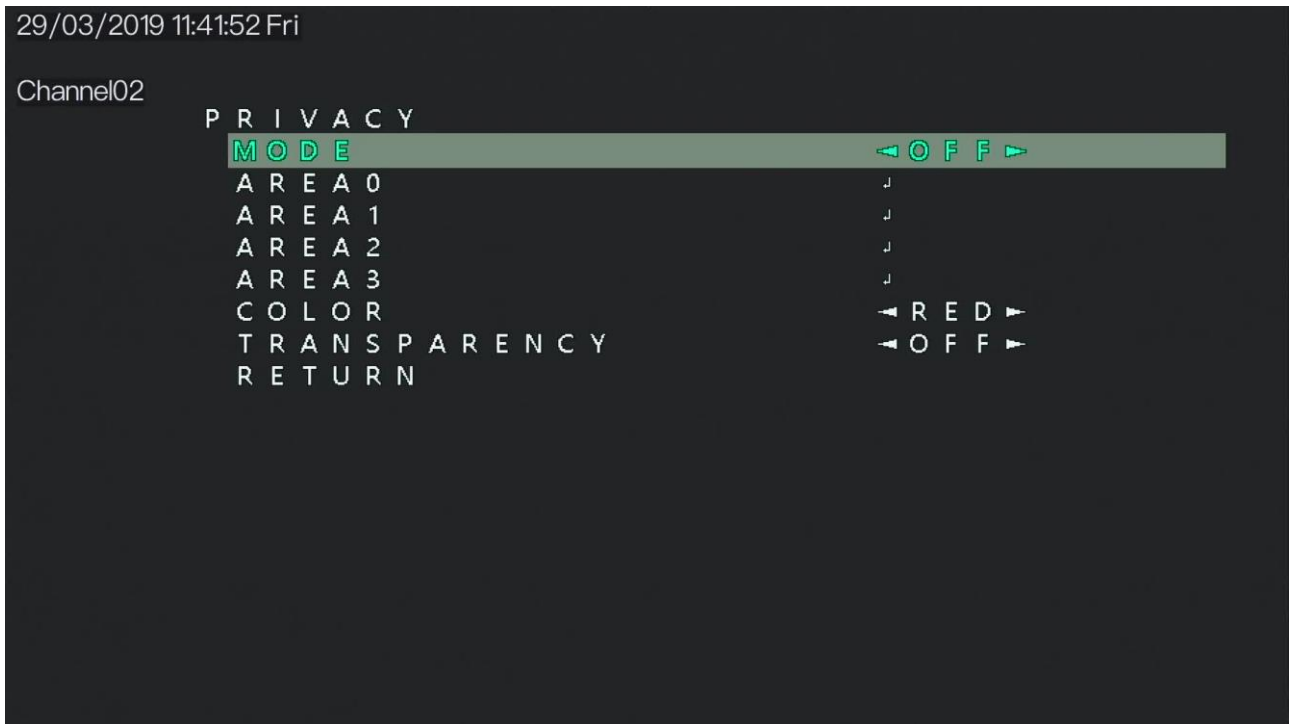
- Step 1 Press the **UP** or **DOWN** button to select **FUNC**. Press the **SET** button to open the **FUNC** interface, as shown in Figure 2-7.

Figure 2-7 FUNC interface



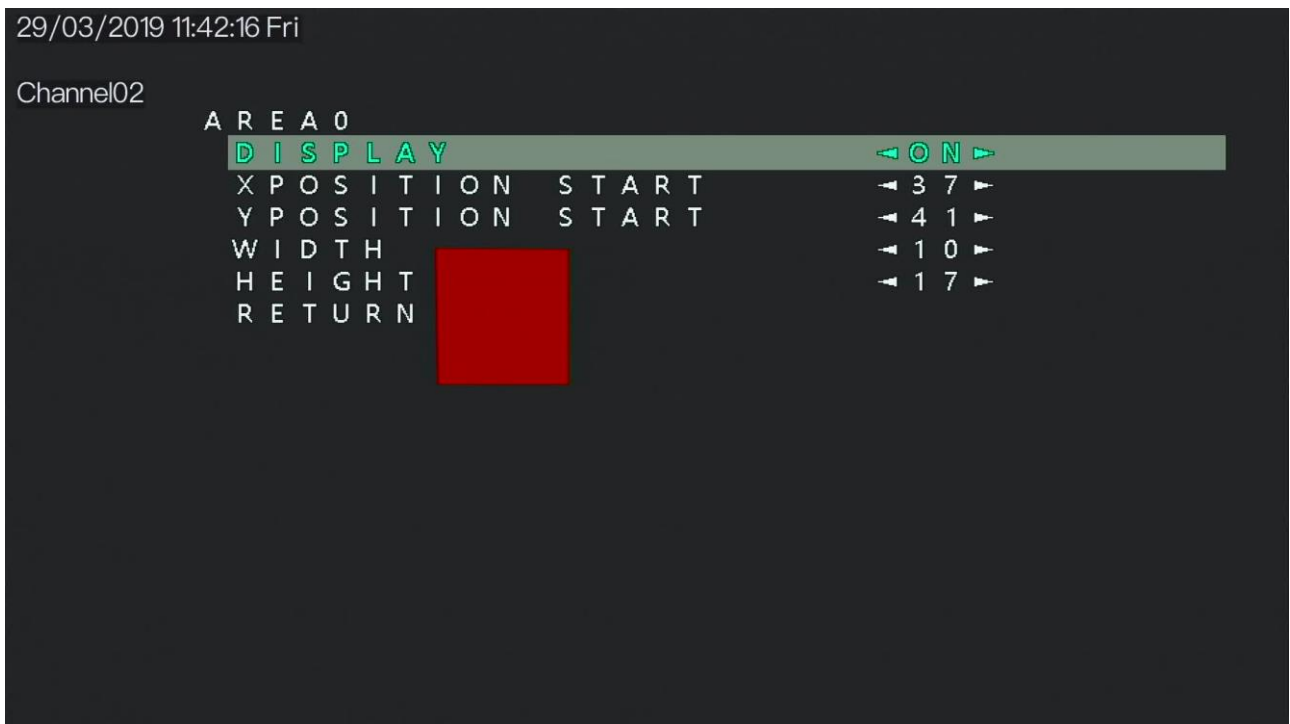
- Step 2 Press the **UP** or **DOWN** button to select **PRIVACY**, and press **SET** button the interface set privacy area, as shown in Figure 2-8.

Figure 2-8 Privacy interface



Step 3 Press the **UP** or **DOWN** button to select **MODE**, press the **LEFT** or **RIGHT** button to select **ON** or **OFF**. The mode is on, press the **UP** or **DOWN** button to enter the areas to open the area and it will show on screen, as shown in Step 3.

Figure 2-9 Area settings interface



- Step 4 Press the **LEFT** or **RIGHT** button to select ON or OFF, and press the **UP** or **DOWN** button to set position and area of privacy area. Press the **LEFT** or **RIGHT** button to adjust value of parameters. There are four areas can be set.
- Step 5 Press the **UP** or **DOWN** button to select **COLOR**, press the **LEFT** or **RIGHT** button to select RED, GREEN or BLUE.
- Step 6 Press the **UP** or **DOWN** button to select **TRANSPARENCY**, press the **LEFT** or **RIGHT** button to select ON or OFF..
- Step 7 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD FUNC interface.
- Step 8 Press the **UP** or **DOWN** button to select **MOTION**, the method of setting motion is the same as privacy settings, as shown in Figure 2-10. Please refer to the setup steps above.

Figure 2-10 Motion interface



- Step 9 Press the **UP** or **DOWN** button to select **RETURN** and press the **SET** return to the OSD main menu interface.

2.8 RESET

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

2.9 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.

2.10 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.