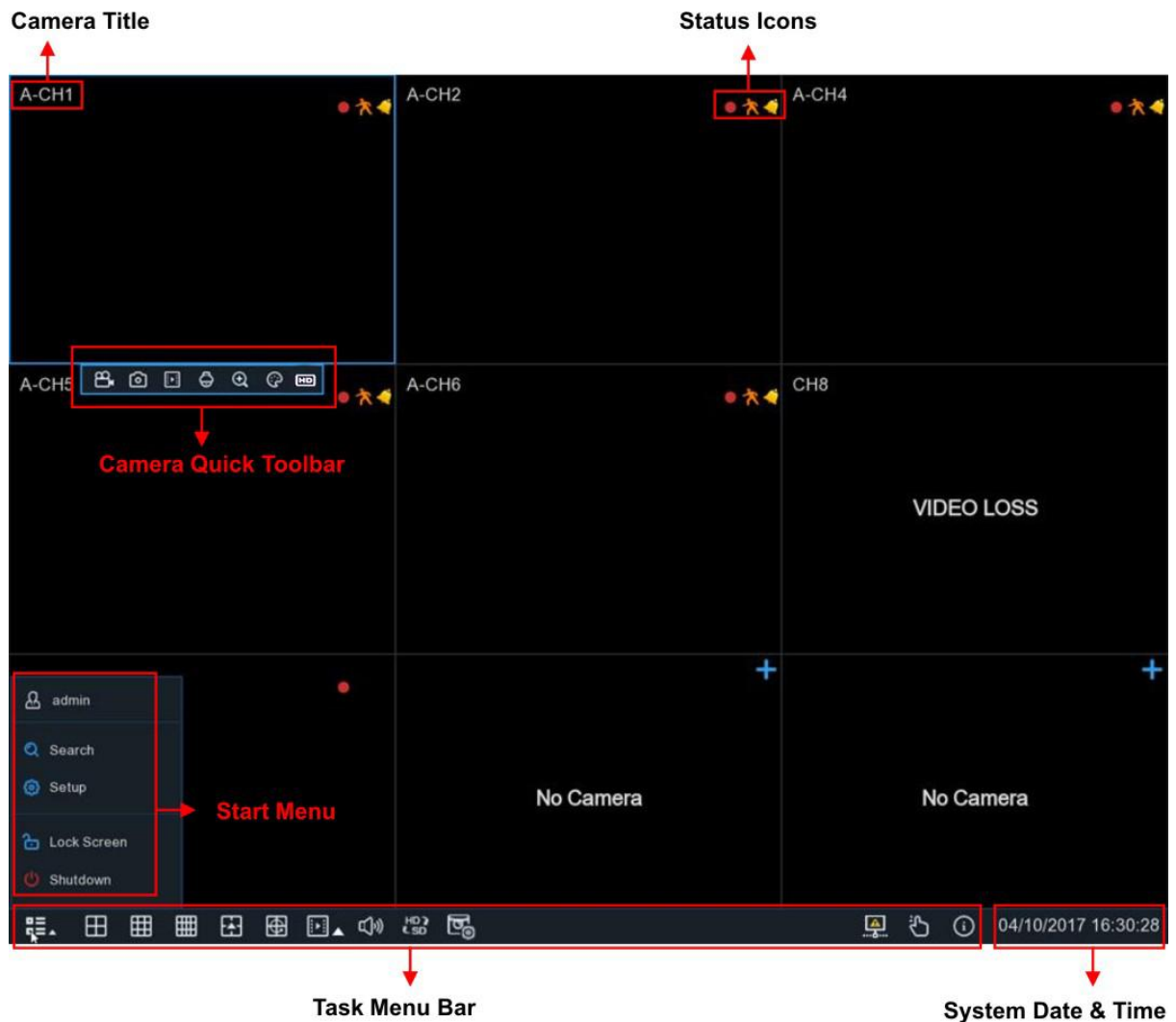




**4K/5MP/2MP HD-TVI/CVI/AHD/CVBS**

**4 in 1 IR Camera Series**

# Live View Screen Overview



## Camera Title

To display the camera title

**A-**: This indicates that the camera connected is an AHD camera

**T-**: This indicates that the camera connected is a TVI camera









**C-**: This indicates that the camera connected is a CVI camera

**IP**: This indicates that the camera connected is an IP camera

## Camera Quick Toolbar











In live viewing, click the left button of your mouse on a connected camera to display the Camera Quick Toolbar.



-  Click to manually record the channel immediately. If the manually recording is in process, the icon will be in red color. Click one more time to stop manual record.
-  Click to save a snapshot of the current camera image. Manual Capture must be enabled to use this feature. For details on enabling Manual Capture, see [5.2.3.1 Capture](#).
-  Click to play the latest 5 minutes recording of this channel
-  Click to enter PTZ control panel
-  Click to zoom-in the channel. When the  icon appears, press and hold the left button of your mouse to drag the area you want to zoom in.
-  Click to adjust the image color of the channel. You can adjust the HUE, BRIGHT, CONTRAST & SATURATION of the image.
-  To switch the live view video stream between HD & SD. HD is mainstream live view, SD is substream live view.



## Taskbar

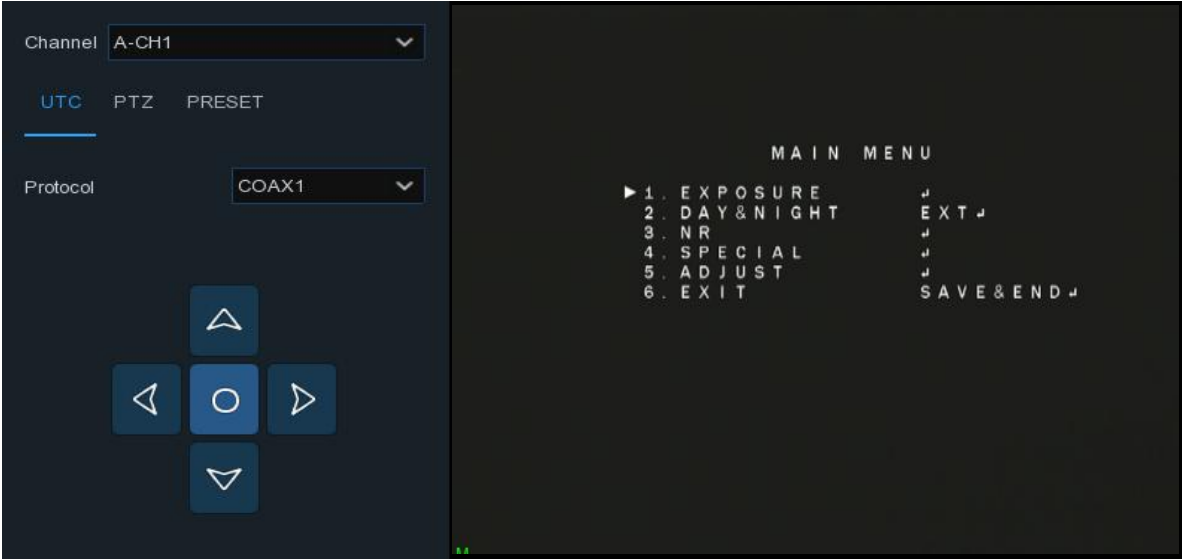


-  Click to open the Start Menu
-  Click to choose different layout for live view
-  Click to choose more layouts for live view
-  Click to start viewing channels in a sequence
-  Quick playback. You can choose to play the latest recording for all channels from the beginning of the day, or you can choose the playback from the latest 5s, 10s, 30s, 1Min, 5Min.
-  Click to adjust audio volume
-  Click to switch all IP channels between mainstream and substream (for live view resolution)
-  Click to switch among real-time, balanced, or smooth view. The view effect modes affect only the live view video quality by bitrate and frame rate but do not affect the recording quality.
-  To start or stop Manual Record and Manual Alarm.
-  To view system information, channel information, record info and network state.

# PTZ Setup





Click  into the PTZ、UTC setup page, then click  into the UTC main menu:



1. **EXPOSURE:** click  into the EXPOSURE setup page.




1.1. **SHUTTER:** Click  or  you may select **AUTO**、**1/25**、**1/50**、**FLK**、**1/200**、**1/400**、**1/1000**、**1/2000**、**1/5000**、**1/10000**、**1/50000**， default is **AUTO** options.

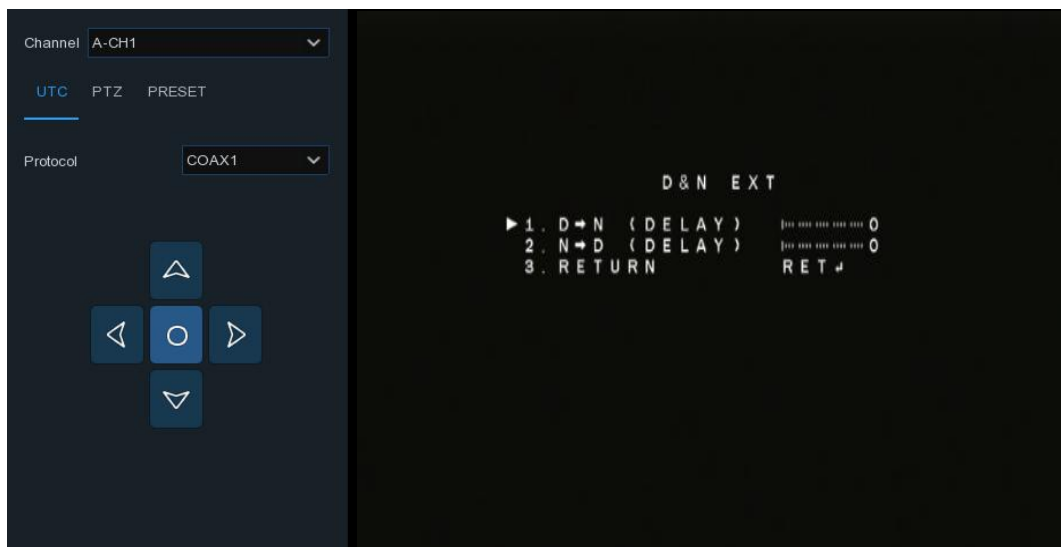
1.2. **AGC:** Setting range in the numerical value 0~15, default is 12.

1.3. **BRIGHTNESS:** Setting range in the numerical value 0~100, default is 32.

1.4. **D-WD:** may set **AUTO**、**ON**、**OFF**， default is OFF.

1.5. **RETURE:** Click  you may select **RET** to back to previous level menu or select to **SAVE&END**， default is RET.

2. **DAY&NIGHT:** Click ， move cursor to **2. DAY&NIGHT**， click  into the set page.





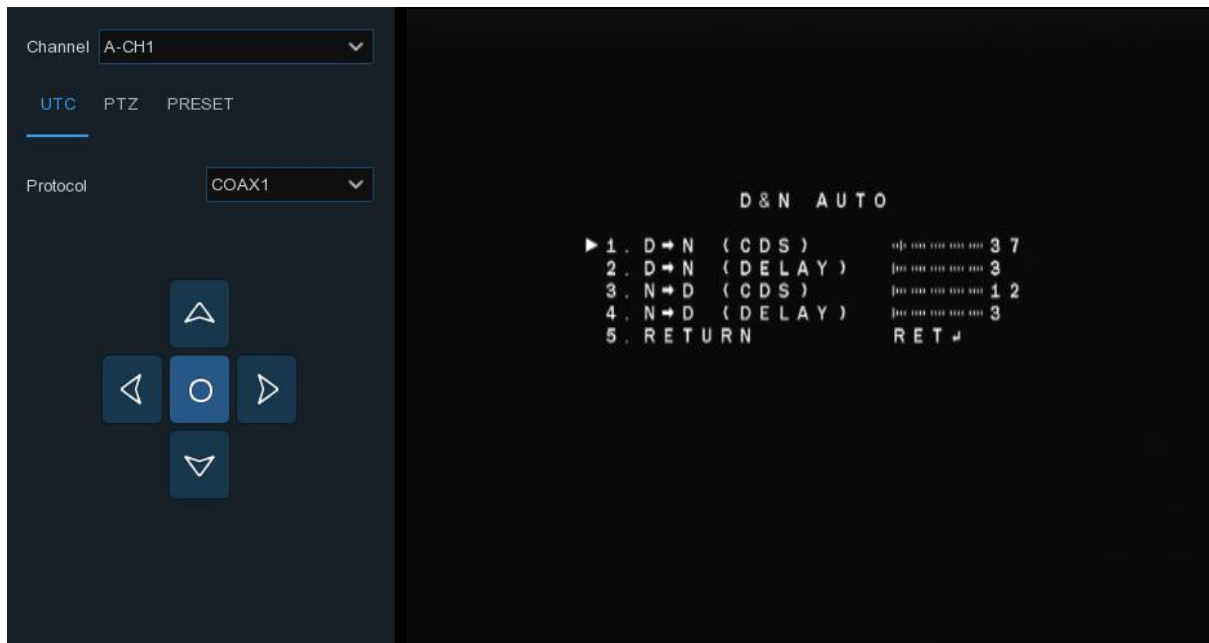
**D->N (DELAY): 0~15**

2.1 Click  into **D&N EXT** setup page.

**D->N (DELAY)** : Setting range in the Numerical value 0~60, default is 3.

**N->D (DELAY)** : Setting range in the Numerical value 0~60, default is 3.

2.2. Click  is show **D&N AUTO**, click  into **D&N AUTO** setup page.




**D->N (CDS)** : Setting range in the numerical value 0~255, default is 37.

**D->N (DELAY)** : Setting range in the Numerical value 0~60, default is 3.

**N->D (CDS)** : Setting range in the Numerical value 0~254, default is 12.



**N->D (DELAY)** : Setting range in the Numerical value 0~60, default is 3.

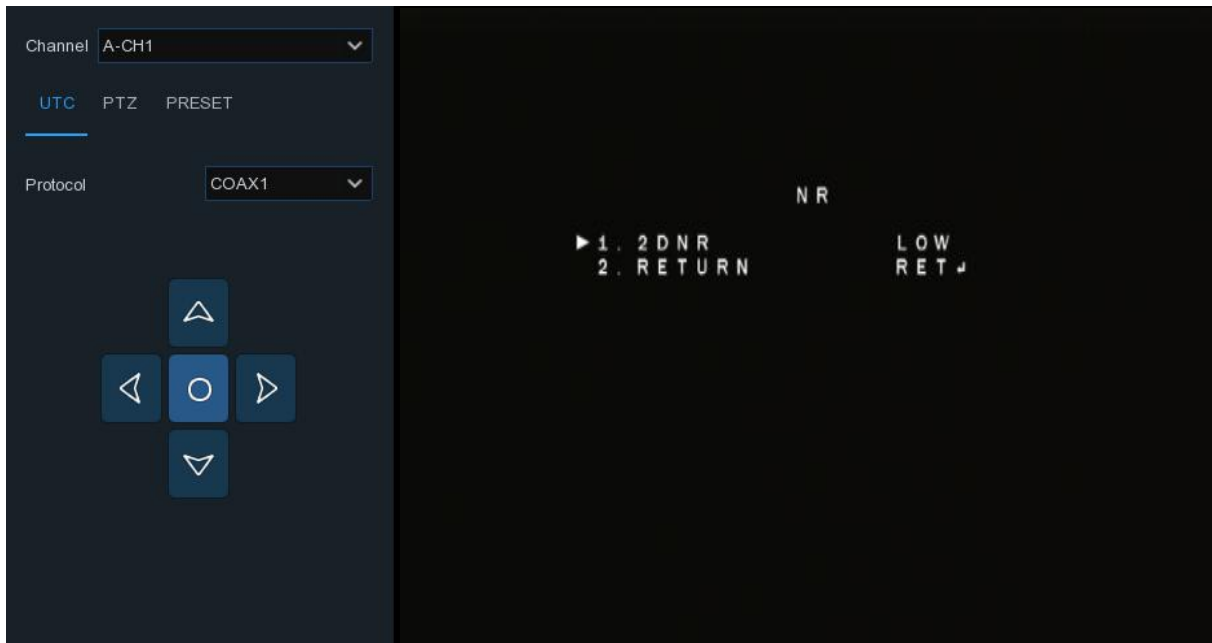
2.3. **COLOR**: Click  into **RXT** → **AUTO** → **COLOR**, the camera into color mode.

2.4. **B / W**: Click  into **RXT** → **AUTO** → **COLOR** → **B / W**, the camera into Black / white mode.


2.4.1. **IR SMART**: Click  to select **ON** or **OFF**.

2.4.2. **RETURN**: Back to Previous Level menu.

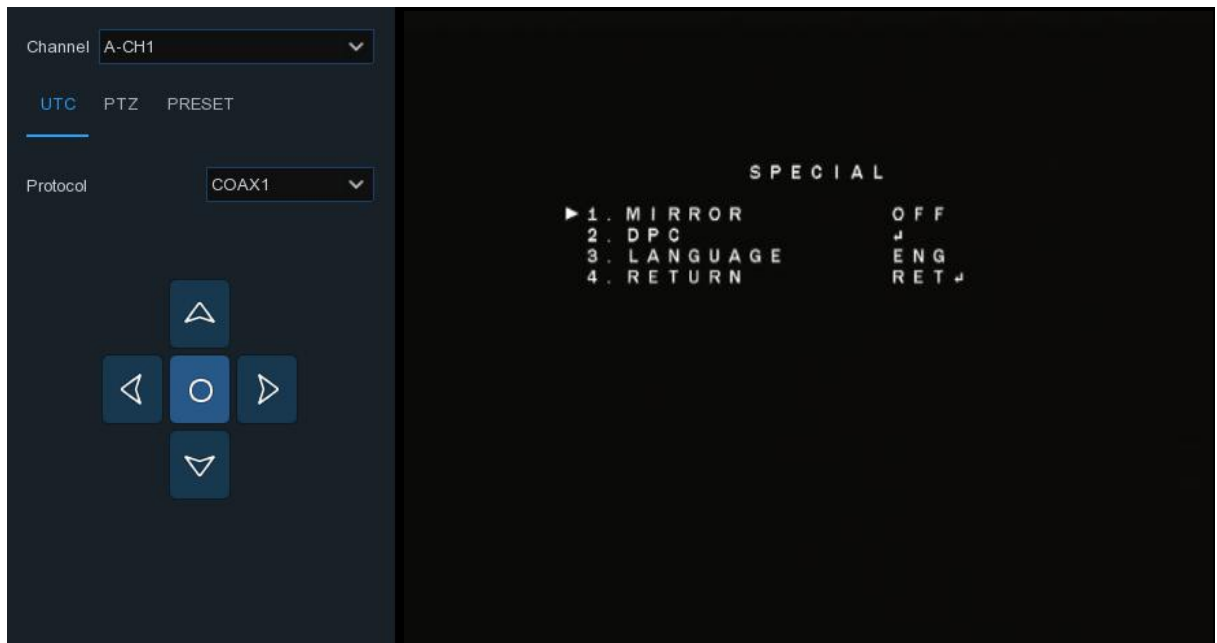
3. **NR**: Click  , move cursor to **3. NR**, click  into NR set page.





3.1. **2D NR**: Click  to select **LOW**, **MIDDLE**, **HIGH** or **OFF**, default is LOW.

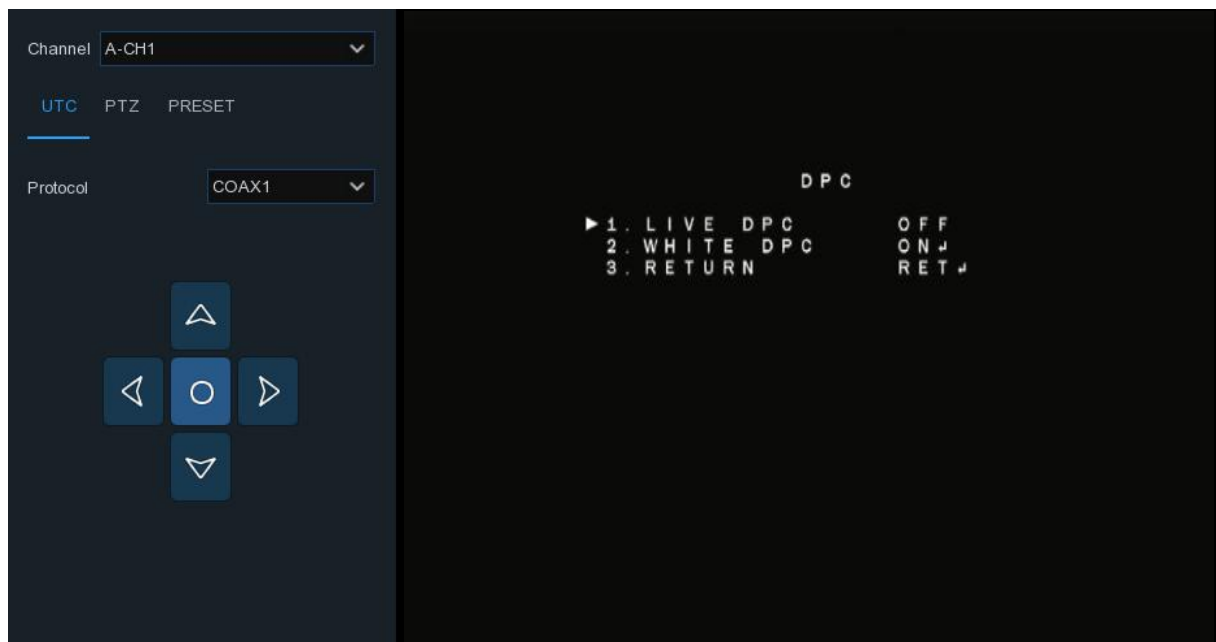
3.2. **RETURE**: Click  you may select **RET**, **SAVE&END**, default is RET.




4. **SPECIAL:** Click  , move cursor to **4. SPECIAL**, click  into SPECIAL set page.



4.1. **MIRROR:** Click  or  you may set **OFF**, **MIRROR**, **V-FLIP**, **ROTATE**, default is OFF.

4.2. **DPC:** Click  , move cursor to **2. DPC**, click  into DPC set page.






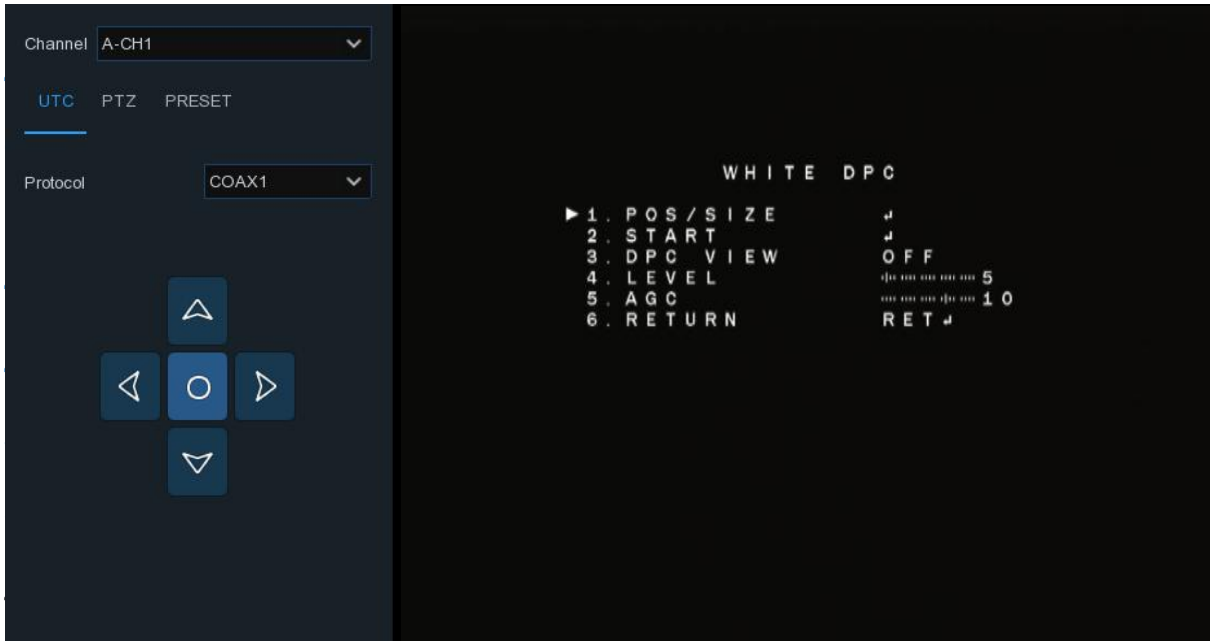
4.2.1. **LIVE DPC:** Automatic dynamic defect pixel correction, Click  or  you may set **OFF**, **ON**, default is OFF, if you select ON, and click  , you may setup:




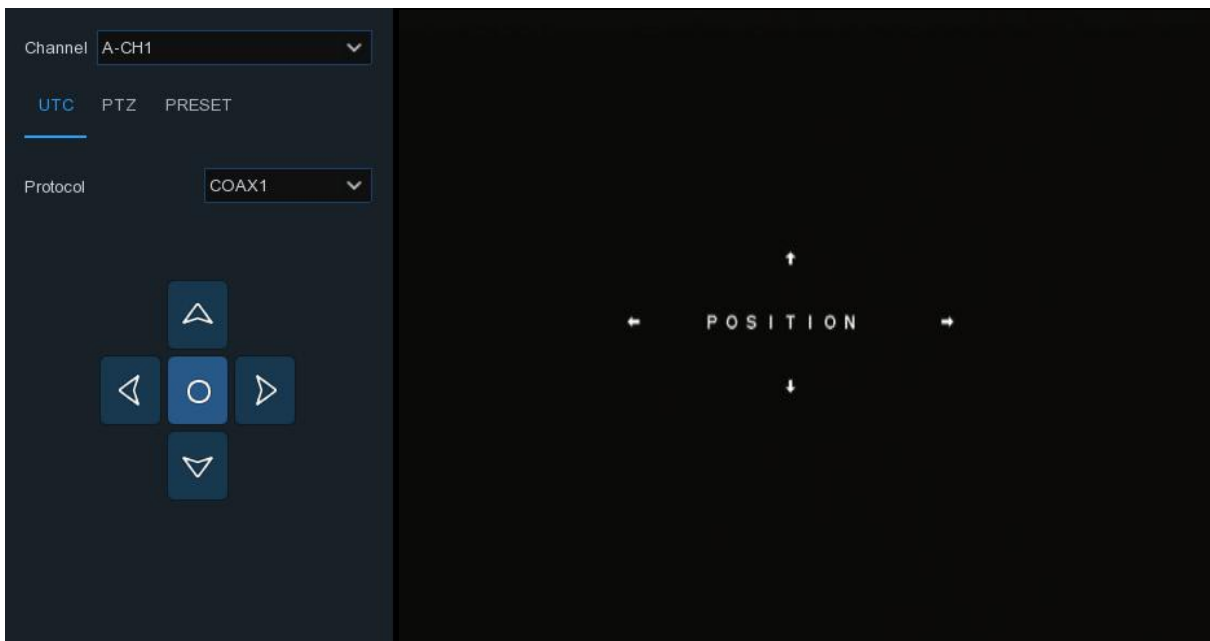
**AGC LEVEL:** Setting range in the Numerical value 0~255, default is 64.



**LEVEL:** Setting range in the Numerical value 0~100, default is 100.

4.2.2. **4.2.2. WHITE DPC:** white pixel correction, Click  or  you may set **OFF**、**ON**, default is ON, if you select ON, and click , you will into WHITE DPC menu :



 move the DPC position to top、below、left、right.






4.2.2.2. **START:** Click  , move cursor to **2. START**, then used black cover to cover the camera lens, click  , start to defect pixel correction, when the page is show numerical value less than 1024 is OK.



4.2.2.3. **DPC VIEW:** you may set **ON**、**OFF**, default is OFF.

4.2.2.4. **LEVEL:** Setting range in the Numerical value 0~60, default is 5.

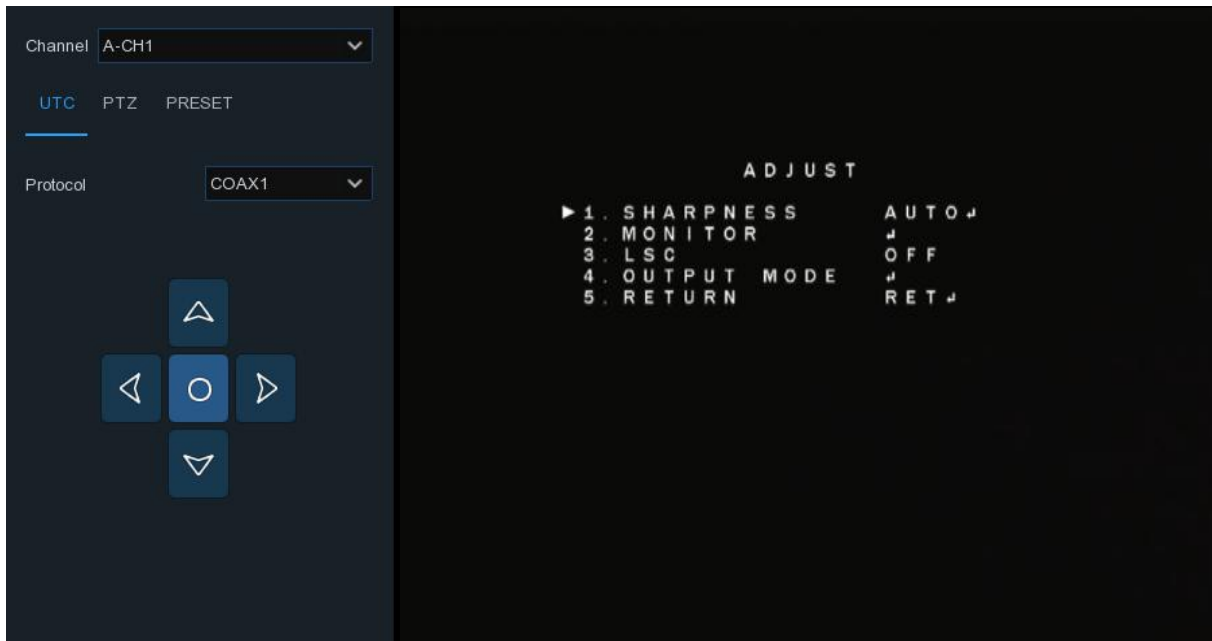
4.2.2.5. **AGC:** Setting range in the Numerical value 0~14, default is 10.




4.2.2.6. **RETURN:** Click  you may select **RET**、**SAVE&END**, default is RET.

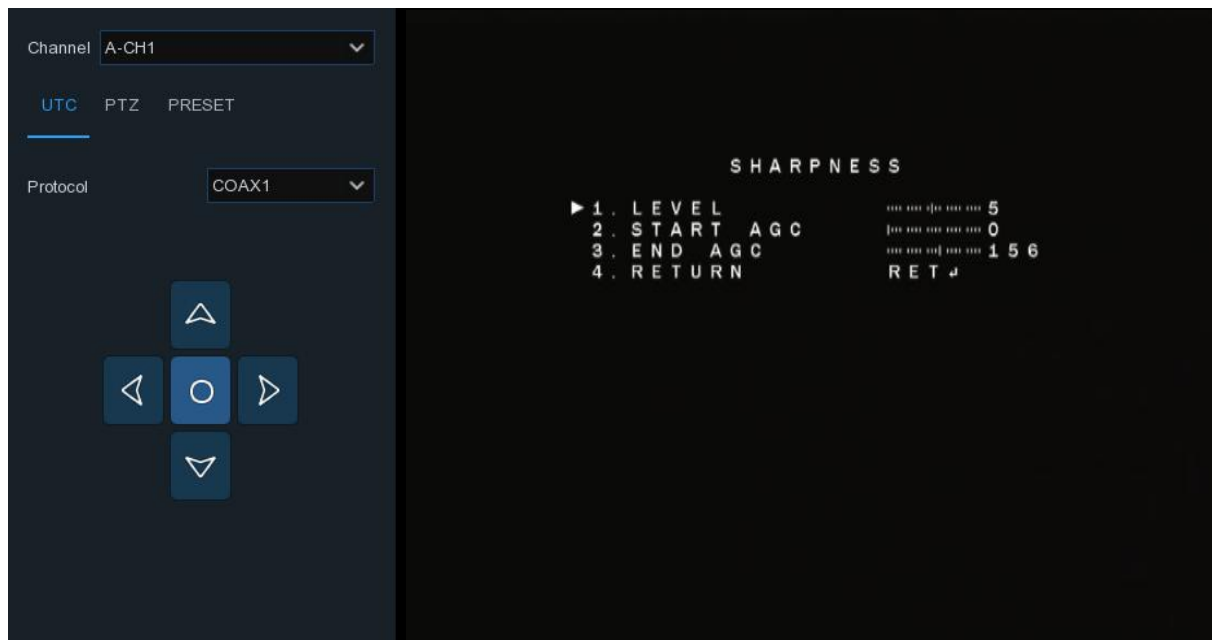
4.3. **LANGUAGE:** Click  or  you may set **ENG**、**CHN1**、**CHN2**、**GER**、**FRA**、**ITA**、**SPA**、**POL**、**RUS**、**POR**、**NED**、**TUR**、**JPN**, default is ENG.

4.4. **RETURN:** Click  or  you may select **RET**、**SAVE&END**, default is RET.

5. **ADJUST:** Click  , move cursor to 5. **ADJUST** , then click  into adjust setup page





5.1 **SHARPNESS:** Click  or  you may set **AUTO**, **OFF**, default is AUTO, if you select AUTO, and click  , you may into sharpness setup page.



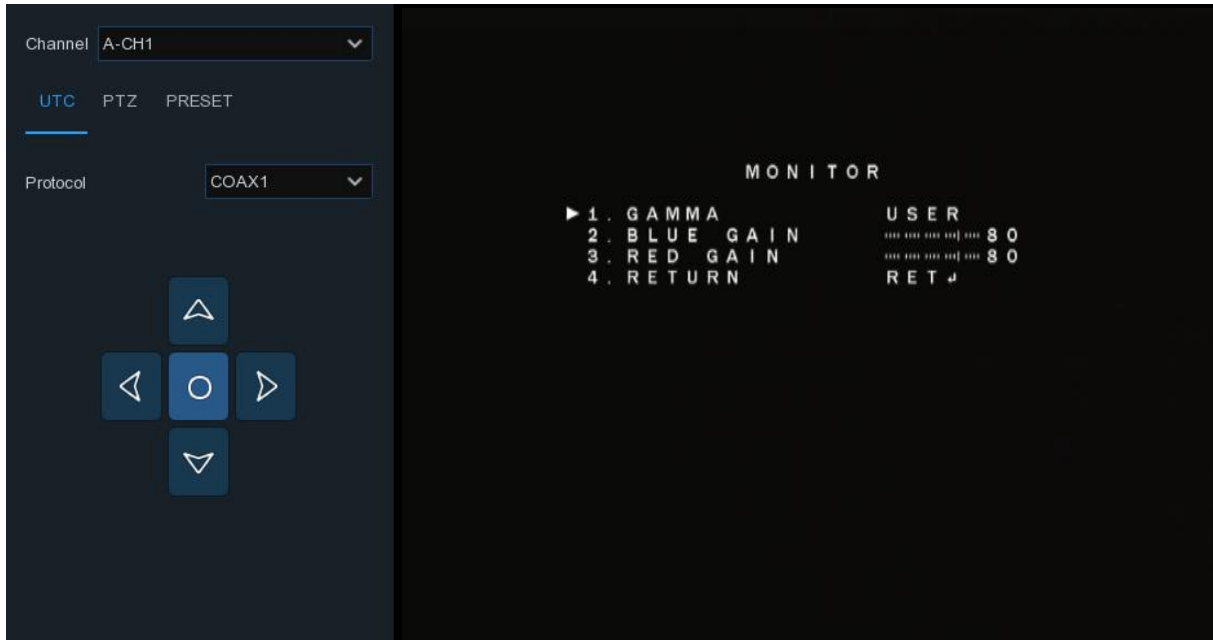
5.1.1. **LEVEL:** Setting range in the Numerical value 0~10, default is 5.



5.1.2. **START AGC:** Setting range in the Numerical value 0~255, default is 0.

5.1.3. **END AGC:** Setting range in the Numerical value 0~255, default is 156.

5.1.4. **RETURN:** Click  or  you may select **RET**、**SAVE&END**， default is RET.

**5.2 MONITOR:** Click  into monitor menu.







5.2.1. **GAMMA:** Click  or  you may select **USER**、**0.45**、**0.50**、**0.55**、**0.60**、**0.65**、**0.70**、**0.75**、**0.80**、**0.85**、**0.90**、**0.95**、**1.0**， default is select USER..

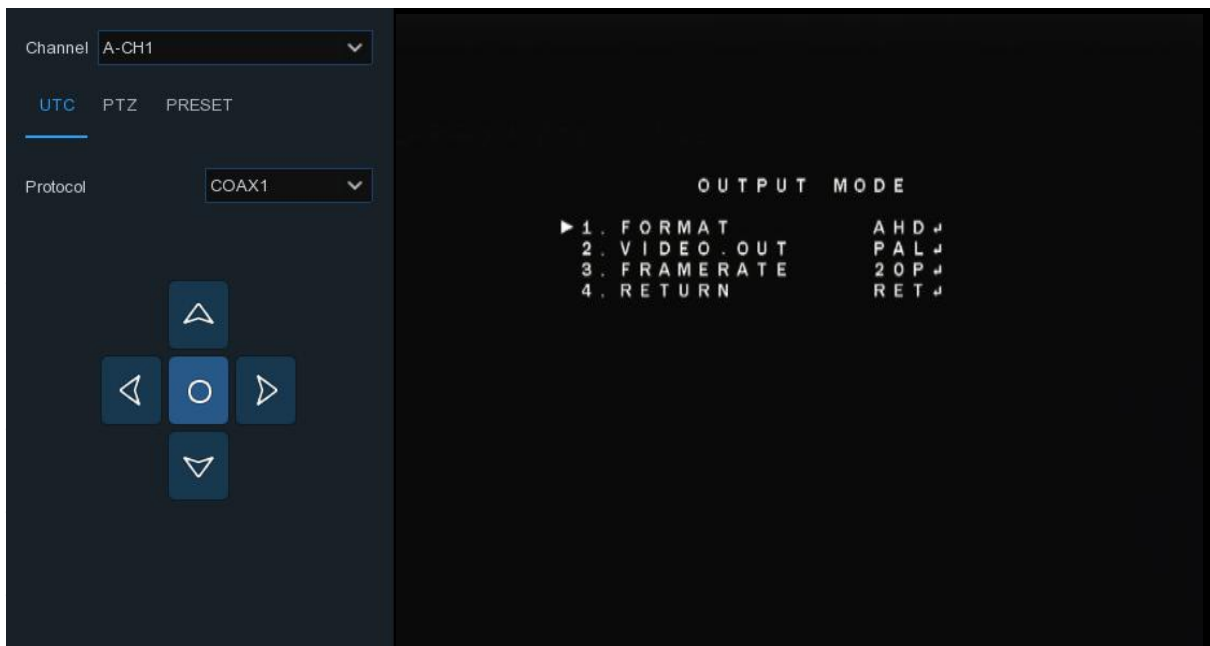
5.2.2. **BLUE GAIN:** Setting range in the Numerical value 0~100, default is 80.


5.2.3. **RED GAIN:** Setting range in the Numerical value 0~100, default is 80.

5.2.4. **RETURN:** Click  or  you may select **RET**、**SAVE&END**， default is RET.

5.3. **LSC:** Click  or  you may select **ON**、**OFF**， default is ON.

5.4. **OUTPUT MODE:** Click  , move cursor to 4. **OUTPUT MODE**, then click  into the OUTPUT MODE setup page



6.EXIT: Click  or  you may select **SAVE&END**, **NOT SAVE**, **RESET**, default is **SAVE&END**.

**Notice:** If you is Normal user, please used default setup is OK, if you inadvertence setup wrong, please used **RESET** function to Restore Factory Defaults.

(TO RESET: MAIN MENU → 6.EXIT → Click  or  to select **RESET** then click  )

