HOW TO ACCESS CONFIGURATION MENU

■ **Method 1**

On the DVR live view, click the channel which connects this camera to display in the full screen mode, and select ▽.

■ **Method 2**

On the DVR live view, right click to show the DVR main menu, and select **ADVANCED CONFIG** → **DCCS**. Then, select the channel which connects this camera, and click **SETUP** to enter the menu of camera parameters.

ADVANCED CONFIG				
CAMERA	CH1	CH2	CH3	CH4
DETECTION	MENU		SETUP	
ALERT				
NETWORK				
DISPLAY				
RECORD				
DEVICES	F.W.		1007	
DCCS	DEVICE		XXXXX	
NOTIFY	CONNECTION		OK	

When the camera menu is entered, you'll see the keys on the bottom right corner to move between and change those configurations.
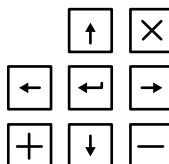
↑↓	Move between selections.
←→	Change settings.
↵	Call the camera parameters menu or enter the currently-selected item.
X	Quit the camera parameters mode.

↑	✕
← ↵ →	
+ ↓ −	

# CONFIGURATIONS

Models applicable:

■ DG102A / 103A / 104A / 104B / 105A / 105B / 105SE / 105SEB / 205B / 205C / 206A / 206B / 2009

■ DG104AX / 105AX / 108X / 206X / 205X

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■ **DG102A / 103A / 104A / 104B / 105A / 105B / 105SE / 105SEB / 205B / 205C / 206A / 206B / 2009**

MENU			DESCRIPTION
DAY / NIGHT	MODE	EXT	Use the external light sensor we added in the camera to detect the surrounding light condition and switch to color or B/W mode. If you're not satisfying with the mode switch time, you can go to **D TO N** / **N TO D** to manually adjust the sensitivity.
		COLOR	Always keep the day and night mode to day mode.
		B&W	Always keep the day and night mode to night mode.
		AUTO	No function.
	D TO N	1 ~ 63	Set the sensitivity for the day & night mode from day to night. The higher the value, the more sensitivity the mode is switched when the light condition is changed. Note: This function is not available when AUTO and COLOR is selected.
	N TO D	1 ~ 63	Set the sensitivity for the day & night mode from night to day. The higher the value, the more sensitivity the mode is switched when the light condition is changed. Note: This function is not available when AUTO and COLOR is selected.
	DELAY TIME	1 ~ 60	Set the delay time in second after which the day and night switch is made. This is used for the environment where the light condition may change suddenly and usually last for a short time, for example, the entrance of a parking lot. It may cause the day & night mode switching constantly and damage the camera. With this function, the camera will delay the mode switch at night since the light change is temporary and unnecessary to pay attention.
AWB	MODE	AUTO	Automatically adjust the white balance based on the surrounding environment.
		USER	Manually adjust the white balance parameters. Choose **USER**, and click ←(ENTER) to enter the **USER MODE** to modify R / G / B gain parameters.
		(PUSH)	It's used for the environment surrounded largely by a particular color, such as blue, causing color confusion. Aim the camera to a white place, and select **(PUSH)** to memory this white. Then, aim the camera to where it's supposed to face.
		HOLD	It's used to force the camera memorizing the current white balance setting and remain the same even when the environment is changed.
		8000K / 6000K / 4200K / 3200K	Switch to the suitable color temperature based on the current environment to get the right color. 8000K = Shade; 6000K = Cloud; 4200K = White fluorescent; 3200K = Halogen light bulb.
		R-G GAIN	Adjust the red-green value from 1 ~ 255.
		B-G GAIN	Adjust the blue-green value from 1 ~ 255
AE (automatic exposure)		ESC	Not available for this model.
		HOLD	Not available for this model.
		DC	Not available for this model.

MENU			DESCRIPTION
AE (automatic exposure)	BRIGHT	0 ~ 255	Set the level of brightness to adjust the brightness of the image. The more the value, the brighter the image.
	SHUTTER	AUTO	Automatically adjust the shutter speed for exposure based on the current environment.
		1/25 1/30 1/50 1/60 1/100 1/120 1/250 1/500 1/1000 1/3000 1/10000	Manually choose the shutter speed you need for exposure.
	FLICKER	OFF / 50HZ / 60HZ	Enable this function to fix the flicker situation.
	AGC	1 ~ 5	Set the level of Auto Gain Control to detect and enhance the image signals when the light condition is poor. The higher the value, the stronger the signals will be enhanced, and the more noise the image will get.
	LSC	ON / OFF	Enable or disable Lens Shading Correction to correct the phenomenon of vignetting when the focal length is short.
SPECIAL	PRIVACY ZONE	AREA SEL.	Select AREA1 or AREA2 to show a predefined area for masking. To move and change the area, please go to SX / EX / SY / EY.
		MASK PAT.	Select the color to mask: black / gray / white. Select OFF to disable area masking.
		SX	Extend / narrow the current area from the left side.
		EX	Extend / narrow the current area from the right side.
		SY	Extend / narrow the current area from the top.
		EY	Extend / narrow the current area from the bottom.
	MOTION*	MOTION	Enable (**ON**) / disable (**OFF**) motion detection.
		SENSITI.	Set the sensitivity to trigger motion detection. The higher the value, the more sensitive the camera to trigger motion detection.
		ALARM	Choose the way to show motion detection is triggered: **TRACE** to frame the area in red which motion trigger occurs on the screen, or **ICON** to simply show a running man icon for motion trigger occurrences.
		HOLD TIME	Set how long the alarm lasts in second from 1 to 10.
	HLC	HLC	HLC (high light compensation) is used to suppress strong backlight for clearer images. A grey mask will be covered on the source of the strong light. Choose **ON** and click ↵(ENTER) to select the areas for this function. The screen will be divided into 16 areas. Move to the area you want, and click ↵(ENTER) to make **X** to **O**.
		MASK VALUE	Set the darkness of the mask. The more the value, the lighter the grey you'll get. The less the value, the darker the grey you'll get.
		THRESHOLD	Set the level of light source which enables masking. The more the value, the stronger the light source will trigger HLC; the less the value, the lighter the light source will trigger HLC.

* The function here is for this camera only, and the detection log will be not noted in the DVR.

MENU			DESCRIPTION
EFFECT	COLOR GAIN	0 ~ 255	Set the level of color saturation. The more the value, the more saturated the color will be, but the more noise the image will get.
	COLOR HUE	0 ~ 71	Set the level of hue.
	SHARPNESS	0 ~ 255	Set the level of sharpness to enhance the clarity of image detail by adjusting the aperture and sharpening the edges. The more the value, the sharper the image will be.
	CONTRAST	0 ~ 255	Set the level of contrast. The more the value, the more the contrast level of the image will be.
	BRIGHT OFF.	-128 ~ 127	Set the level to compensate the brightness of the image if needed. The more the value, the brighter the image will be.
	MIRROR	OFF / ON	Enable to turn the images horizontally based on your installation situation when necessary.
	FLIP	OFF / ON	Enable to flip the image 180° when necessary.
SYSTEM	CAMERA ID	0 ~ 255	Set the camera ID.
	ID DISP.	OFF / ON	Enable or disable the display of the camera ID.
	NAME DISP.	OFF / ON	This function has no use.
	LANGUAGE	ENG / 中文	Select the language of the menu: English / Simplified Chinese.
	FACTORY INIT	OFF / ON	Enable to restore the camera parameters to factory default values. The camera image will flash once when the reset is done.
EXIT	SAVE & EXIT	--	Save all the changes you've made in each menu and exit.
	EXIT	--	Exit without saving.

■ DG104AX / 105AX / 108X / 206X / 205X

MENU			DESCRIPTION
EXPOSURE	LENS TYPE	FIX	No function.
	SHUTTER	AUTO	Automatically adjust the shutter speed for exposure based on the current environment.
		1/100 1/200 1/250 1/500 1/1000 1/2000 1/4000 1/10000	Shutter Speed is a function that can adjust the duration of the electronic shutter to produce optimum image quality. Select the shutter speed suitable for your environment.
	AGC	OFF / LOW / MIDDLE / HIGH	Set the level of Auto Gain Control to detect and enhance the image signals when the light condition is poor. The higher the value, the stronger the signals will be enhanced, and the more noise the image will get.
	EXPOSURE VALUE	1 ~ 17	When **AUTO** is selected and you're not satisfying with current image brightness, you can manually adjust the value to add or decrease the exposure level.
WHITE BALANCE	MODE	AUTO	Automatically adjust the white balance based on the surrounding environment.
		INDOOR / OUTDOOR	Fix the white balance mode to **INDOOR** / **OUTDOOR** depending on your environment.
		USER	Manually adjust the white balance parameters. Choose **USER**, and move down to adjust **R-GAIN** / **B-MODE** to customize your own white balance parameters.
DAY & NIGHT	MODE	EXT	Use the external light sensor we added in the camera to detect the surrounding light condition and switch to color or B/W mode. If you're not satisfying with the mode switch time, move down to **D ▶ N LEVEL** / **N ▶ D LEVEL** to manually adjust the sensitivity. The higher the value is, the higher the sensitivity is and quicker the mode is switched.
		COLOR	Always keep the day and night mode to day mode.
		B/W	Always keep the day and night mode to night mode.
IMAGE SET	BRIGHTNESS	1 ~ 256	Set the level of brightness to adjust the brightness of the image. The more the value, the brighter the image will be.
	CONTRAST	1 ~ 256	Set the level of contrast. The more the value, the more the contrast level of the image will be.
	COLOR GAIN	1 ~ 256	Set the level of color saturation. The more the value, the more saturated the color will be, but the more noise the image will get.
	SHARPNESS	1 ~ 256	Set the level of sharpness to enhance the clarity of image detail by adjusting the aperture and sharpening the edges. The more the value, the sharper the image will be.
	NR	OFF / LOW / MIDDLE HIGH	Set the noise reduction mode to **LOW** / **MIDDLE** / **HIGH** to suppress the noise based on the current environment, or select **OFF** to disable this function.
	MIRROR	NONE / H / V / HV	Turn the images horizontally (**H**) or vertically (**V**), or horizontally & vertically (**HV**) simultaneously based on your installation situation when necessary.
	LANGUAGE	ENGLISH / 中文(簡)	Select the language of the menu: English / Simplified Chinese.

MENU			DESCRIPTION
FUNC. SET	MOTION DETECTON*	SCREEN ALARM	Select **ON** to enable motion detection or **OFF** to disable this function.
		PAD OUTPUT	No function.
		SECTION	Select the area for motion detection.
		SENSITIVITY	Select the sensitivity for motion detection from **LOW**, **MIDDLE** and **HIGH**. You'll see a default masking area on the screen.
	PRIVACY	MASKING	Select **ON** / **OFF** to enable / disable this function.
		COLOR	Select a color to show area masking.
		HEIGHT / WIDTH / LEFT / RIGHT / TOP / BOTTOM	Set the area to mask.
	SYSTEM SETUP	OSD COLOR	Select the color for this OSD display.
		OSD BG	Select the background color for this OSD display.
RESET	FACTORY MODE		Enable to restore the camera parameters to factory default values. The camera image will flash once when the reset is done.
SAVE & EXIT	SAVE & EXIT		Select **YES** to save and exit, or select **NO** to exit without saving.

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