

## Performance Series HQA 4 MP Cameras

HB74HD4    HB276HD4    HD30HD4    HD72HD4    HD274HD4

### Configuration Guide

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Follow the instructions in this guide to configure your camera.

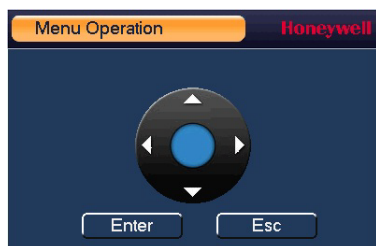
### Configuring Your Camera's Settings

When the camera is connected to a Performance Series HQA 4 MP DVR, you can configure the camera's settings using the camera's on-screen display (OSD) menu.

**Note** The DVR's PTZ protocol must be set to **HQA** for up-the-coax control of the OSD menu.

#### To configure the camera settings

1. Verify that the camera is connected to the DVR.
2. Log on to the DVR as the admin user. The default user name is **admin** (case-sensitive) and the default password is **1234**.
3. Right-click to display the shortcut menu, and then click **Camera Menu**. A dedicated menu operation interface appears.



4. Click **Enter** to display the camera's OSD menu.
5. To configure the camera, click the up or down arrows to move through the menu list, click the left or right arrows to change a menu setting, or click **Enter** to enter a submenu (↵) or execute a command.
6. After you have configured the camera, right-click to exit the menu operation interface.

### OSD Menu Tree

1st Level	2nd Level		3rd Level	
Format	NTSC	Confirm/Cancel		
	PAL	Confirm/Cancel		
Video Mode	4 MP	Confirm/Cancel		
	1080p@30/25	Confirm/Cancel		
	720p@30/25	Confirm/Cancel		
Backlight Mode	OFF			
	BLC↵	BLC	ON/OFF	
		Return		
	WDR↵	Level	1-5	
	Return			
	HLC↵	Level	1-5	
	Return			
Image Adjustment ↵	Image Mode	Standard/Soft/Vivid		
	Sharpness	0-15		
	Brightness	0-15		
	Contrast	0-15		
	Saturation	0-15		
	Sharp Suppress	0-15		
	Chroma Suppress	0-15		
	Gamma	0-15		
	2DNR	0-15		
	3DNR	0-15		
	Return			
Exposure ↵	Exposure Mode	Auto		
		Low Noise↵	Gain Max	0-15
			Return	
		Anti-smear↵	Shutter Max	0-40 ms
			Return	
		Manual↵	Shutter	
		Gain Max	0-15	
		Gain Min	0-15	
		Return		
Exposure (cont.) ↵	Exposure Level	0-15		
	Anti-Flicker	Outdoor/60HZ/50HZ		
	Return			

1st Level		2nd Level		3rd Level	
White Balance	Auto				
	Manual↔	Blue Gain	1-100		
		Red Gain	1-100		
		Return			
	Auto Tracking				
	Sodium Lamp				
	Indoor				
Outdoor					
Day/Night	Auto↔	Night/Day			
		Day/Night			
		Waiting Time	1-15		
		Return			
	Color				
Black/White					
Language	English/Spanish/Portuguese/French/German/Russian/Polish/Japanese/Korean/Chinese				
Advanced	↔	Camera Name			
		Mirror	H Mirror	Off/On	
			V Mirror	Off/On	
			D-Zoom	1-8	
			Lens Type	Manual/DC	
			Lens Reset		
		Smart IR	Auto	Level	0-10
				Return	
		Voltage Prompt	On↔	Alarm Upload	On/Off
			Off	Return	
		Defog	On↔	Mode	Manual/Auto
				Level	High/Medium/Low
				Return	
			Off		
		Motion Detection	On↔	Area Select	
	Display				
	Sensitivity				
	Area Setting			Location/Size	
	Default				
	Return				
		Off			

1st Level		2nd Level		3rd Level	
		Privacy Mask	On↔	Area Select	
				Display	
				Area Setting	Location/Size
				Default	
				Return	
			Off		
		COM Setup	Address	1-254	
			Application		
			Return		
		System Info	Version		
			Return		
		Return			
Reset					
Exit					

## Notes

Parameter	Function
Brightness	Controls the picture brightness. Select a value from 0 to 100. The default value is 50. The larger the value, the brighter the picture. The recommended range is 40 to 60.
Contrast	Controls the picture contrast. Select a value from 0 to 100. The default value is 50. The larger the value, the higher the contrast. The recommended range is 40 to 60.
Saturation	Controls the picture saturation. Select a value from 0 to 100. The default value is 50. The larger the value, the stronger the color. The recommended range is 40 to 60.
Sharpness	Controls the picture sharpness. Select a value from 0 to 100. The default value is 50. The larger the value, the sharper the picture. The recommended range is 40 to 60. Noise may increase at higher values.
2DNR/3DNR	Controls the picture noise. Select a value from 0 to 100. The default value is 50. The larger the value, the lower the noise. Detail may be lost at higher values.
Anti-Flicker	Compensates for flickering caused by 60Hz/50Hz AC indoor lighting sources (for example, fluorescent lights). Select Outdoor or 60Hz(NTSC)/50Hz(PAL), depending on your lighting environment.



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