

ENFORCER[®] **VIDEO**

ADDENDUM MANUAL

EV-2615-NKEQ

Digital Noise Reduction Day/Night Camera

On-Screen Display (OSD) Programming

SLI[®]
SECO-LARM[™]



■ Main Menu Table

MAIN MENU		
LENS	DC	BRIGHTNESS 1-70 (25)
SHUTTER	---	
	FLK	
WHITE BALANCE	ATW	
	MANUAL	RED 0-256 (32)
		BLUE 1-256 (39)
	AWC	
BACKLIGHT	OFF	
	LOW	TOP 220 (270) DOWN 400 (470)
	MIDDLE	LEFT 260 (270)
	HIGH	RIGHT 480 (470)
AGC	OFF	
	LOW	BRIGHTNESS 1-70 (25)
	MIDDLE	BRIGHTNESS 1-70 (25)
	HIGH	BRIGHTNESS 1-70 (25)
DNR	OFF	
	LOW	
	MIDDLE	
	HIGH	
DSS	OFF	
	AUTO	LIMIT x2 - x128 (x8)

■ Special Menu Table

MAIN MENU	SPECIAL MENU			
SPECIAL	CAMERA ID	OFF		
		ON		
	COLOR	COLOR		
		AUTO		
		BW	BURST MODE	ON/OFF
	SYNC	INT		
	MOTION DET	OFF		
		ON	AREA SEL	AREA 1, 2, 3, or 4
			AREA STATE	ON/OFF
			TOP	1 - 73
			DOWN	
			LEFT	1 - 96
	RIGHT			
	PRIVACY	OFF		
		ON	AREA SEL	AREA 1, 2, 3, or 4
			AREA STATE	ON/OFF
			TOP	1 - 73
			DOWN	
			LEFT	1 - 96
	RIGHT			
	MIRROR	OFF		
		ON		
	SHARPNESS	ON	LEVEL 0-31(8)	
OFF				
RESET				
RETURN				



Caution!

ICR function works when "COLOR" sets as "AUTO" in the SPECIAL Menu and It displays clear screen at night.

■ OSD Menu Control

SET key - Access to the menu or confirm the setting.

UP / DOWN key - Choose the desired menu.

LEFT / RIGHT key - Choose the desired menu feature adjustment.

■ OSD Menu ENTER / EXIT

A. OSD MENU ENTER

- Press SET key.

B. OSD MENU EXIT

- Select EXIT menu and press SET key.

■ Main Menu Set-up

A. LENS

Adjust the brightness of the screen.

- DC : The brightness can be adjusted in DC mode.
(Range: 1~70, Default: 25)

B. SHUTTER

Control the shutter speed.

- — : Shutter speed is fixed.
- FLK : Select ' FLK ' mode when flicking occurs on the screen due to imbalance between illumination and frequency.

C. WHITE BALANCE

- ATW (Auto Tracking White Balance):

Select 'ATW' when using within the color temperature range of 1,800°K to 10,500°K (Ex. Fluorescent light, outdoor, sodium vapor lamp or inside tunnels)

- AWC (Auto White Balance Control):

Press SET key while the camera is directed at a piece of white paper to obtain the optimum state under current illumination. If the condition including the light source is changed, you have to adjust the white balance again.

- MANUAL

Select ATM or AWC first before selecting Manual mode. Please change to Manual adjustment mode and press the SET key, set the appropriate color temperature, and increase or decrease the red and blue color values while monitoring the color changes on the object. The Manual mode enables finer adjustment.

D. BACKLIGHT(Backlight Compensation)

Compensate the strong light in the background.

- OFF : Backlight Compensation is off.
- LOW : Select if there is little light in the background.
- MIDDLE : Select if there is moderate light in the background.
- HIGH : Select if there is a great amount of light in the background.

E. AGC (Auto Gain Control)

Adjust the level of AGC within set range. As the level of gain increases, the screen gets brighter and the level of noise also increases.

- OFF : The gain is fixed at 6dB.
- LOW : 6dB to 18dB.
- MIDDLE : 6dB to 30dB.
- HIGH : 6dB to 42dB.

F. DNR (Digital Noise Reduction)

Reduce the signal noise on the screen.

- OFF : No reduction in noise level.
- LOW : Small reduction in noise level with almost no ghost image.
- MIDDLE : The most effective mode. Sufficient reduction in noise levels without causing much of ghost image.
- HIGH : The level of noise is reduced greatly, however it may increase in ghost imaging.

* DNR dose not operate if AGC is turned off.

G. DSS (Digital Slow Shutter)

Maintain a bright and clear screen by automatically detecting changes the level of light in low light condition.

- OFF : DSS function off.
- AUTO : Low light level auto mode.

* DSS dose not operate if SHUTTER is set to FLK or AGC is turned off.

■ Special Menu Table

H. SPECIAL

- ON : CAMERA ID is displayed in the monitor.

If the CAMERA ID has not been set, please follow these directions:

1. Press LEFT or RIGHT key to turn the Camera ID mode to " ON ".
 2. Press SET key for the camera ID screen.
 3. Enter your camera ID by pressing RIGHT, LEFT, UP and DOWN keys.
 4. Press SET key again to lock those letters.
 5. Continue to select letters for the next space.
 6. Repeat these steps to input the complete ID.
 7. Move the cursor to 'POS' and press SET key again.
 8. The name will appear on the top upper left.
 9. Use the LEFT, RIGHT, UP, and DOWN keys to select the position of the camera ID.
 10. Select 'END' and then press SET key to complete ID input.
- OFF : Camera ID is not displayed on the monitor.

Change the appropriate mode for daytime or night-time.

- COLOR : The COLOR mode is selected electronically.
- AUTO : The COLOR mode is operated for daytime, and it automatically converts to BW mode for night-time.
- BW : The B/W mode is selected.
- * BURST MODE
- ON/OFF: Burst signal "ON/OFF" in BW mode.

When synchronization with the legacy system is needed.

- INT : Internal synchronization

MOTION DET(DETECTION)

Detect movement of object in 4 different areas on the screen.

- OFF : MOTION DETECTION mode is cancelled.
- ON : Any motion in the selected areas is detected.

It hides the areas you do not want to appear on the screen.

- OFF : PRIVACY mode is cancelled.
- ON : Operates the PRIVACY mode.

- OFF : Normal image.
- ON : Horizontal image inversion.

- OFF : Sharpness mode is off.
- ON : Adjust the sharpness of the video image.

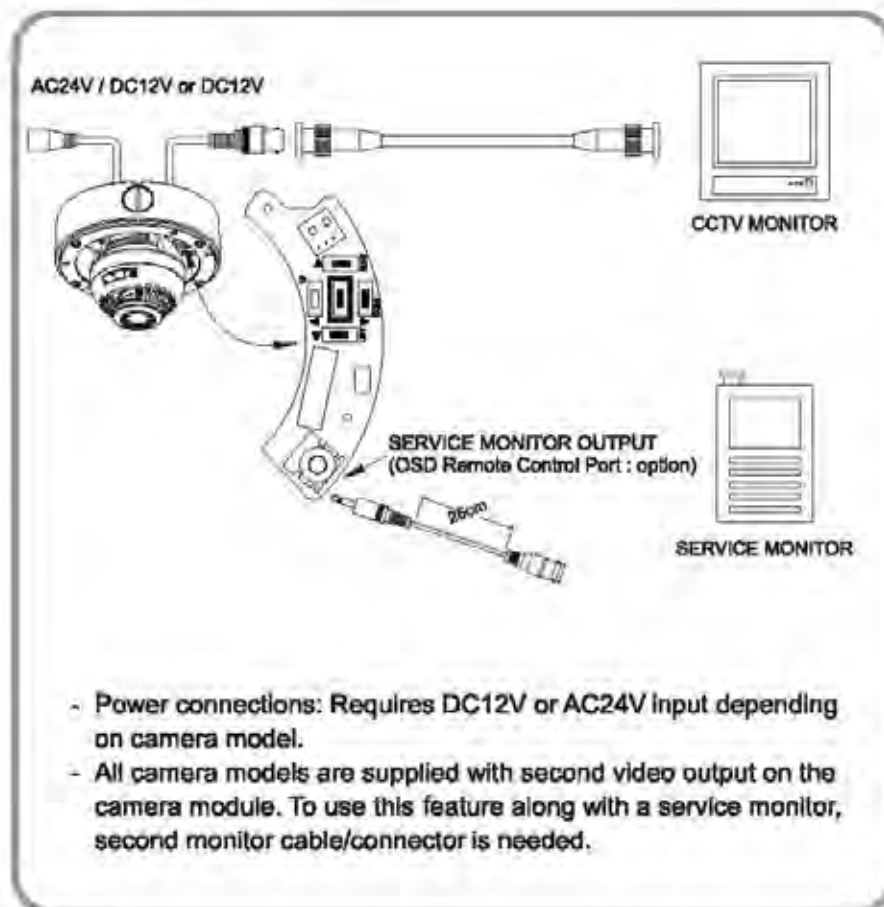
- * Press SET key.
- * Press LEFT and RIGHT keys to adjust the sharpness.

To go back to the factory default.

Returns to the MAIN MENU.

L. EXIT

Save the setting menus and then exit.



Note

To set up OSD menu externally, service monitor and control cable is required.(option)