

IR660 OSD Menu Usage and Introduction

Setting of the menu:
Press "Confirm (MENU)" the screen will show the menu as below:



- Specific patent design, the user can understand it easily.
- The user can adjust the specification or check the former contents easily when press the button
- The user can make the camera be in the best status by use the menu button on the back of the camera.

Example: (1) Press"EXPO" Example2: Press"MOT"



★ Notes:-The setting of the Lens menu: When the camera with the DC lens, it is DC; when use the manual lens, it is manual.

1. Exposure		2. Color setting		3. Day/Night setting	
	Lens DC/Manual Brightness (Can be chosen) Shutter AUTO~ 1 /100, 000 AGC OFF~33DB GO EXIT SAVE & EXIT		AWB Mode Auto Manual Manual-Red (Adjustable) Maunal-Blue (Adjustable) AWC ATW R-Y GAIN(Adjustable) B-Y GAIN(Adjustable) GO EXIT SAVE & EXIT		D & N MODE Auto/COLOR/B&W/EX-CDS BURST OFF/ON DAY-NIGHT NIGHT-DAY Delay time (can be chosen) CDS THR (adjustable) GO EXIT SAVE & EXIT
4. Effect		5. Motion Detection		6. Privacy	
	Mirror ON/OFF Sharpness (Adjustable) LSC ON/OFF LSC GAIN HLI ON/OFF HLI THR (Adjustable) GAMMA (Can be chosen) BLC ON/OFF BLC LEVER (Adjustable) D-WDR OFF/HLGH/MIDDLE/LOW DNR OFF/HLGH/MIDDLE/LOW GO EXIT SAVE & EXIT		Alarm ON/OFF SET WIN (Adjustable) All SET (Adjustable) All cleared (Adjustable) Sensitive (Adjustable) Trace ON/OFF Hold time (adjustable) GO EXIT SAVE & EXIT		Mask 1/2/3/4 ON/OFF SET AREA (Adjustable) Color setting BLACK/GRAY/COLOR1/COLOR 2/COLOR3/COLOR4/COLOR5/ COLOR6 GO EXIT SAVE & EXIT
7. Camera ID setting		8. Camera setting		9. Exit setting	
	ID (Can be chosen) BAUDRATE (Can be chosen) PROTOCOL GO EXIT SAVE & EXIT		Title display on/off Edit RESET POSITION BACKROAD ON/OFF MONITOR ON/OFF DPS SET ON/OFF White THR BLACK THR LANGUAGE CHINESE/ENG GO EXIT SAVE & EXIT		Exit Factory original setting Store and exit Note: After adjusted, please store or there will be no recorder in DSP.

Camera Terms & Features

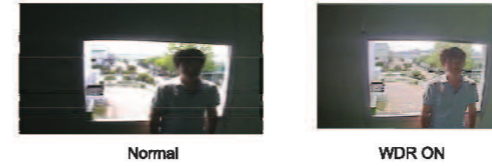
* High Resolution

This camera can meet as Max 580(color mode), 850(B/W mode) horizontal TV Lines of high resolution image and get clear image even in a low light environment. (It depends on the lens and OLPF type)



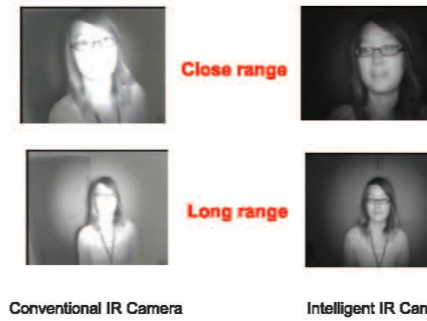
* WDR(Wide Dynamic Range)

WDR combines two fields which are high shutter speed exposure in bright areas and low shutter exposure in dark areas into one composite image. It helps to get clear images from dark parts of the image without saturation from the bright part.



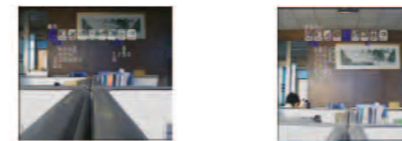
* ILC(IR Light Control)

This camera offers intelligent IR light control function, it helps to get clear but not overexposed image in night environment when the IR light is on.



* OSD(On Screen Display)

It is possible to control menu displayed on screen for adjusting diverse image quality of camera



* Motion Detection

There are three motion detection options which are Smart MD, Regional MD and Anti-Tampering MD. The detection sensitivity is improved and user can set detection scope as their purpose. (8x4 Blocking Zones).



* Privacy Mask

(8 Privacy mask (variety angle quadrangle and color))



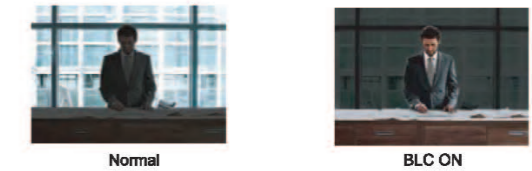
* HLC(High Light Compensation) Also called HLM(Hight Light Mask)

It is ability to reverse bright points in the picture to black.HLC improves the ability of the entire system to display shades of grey elsewhere in the picture.It is called as Eclipse or HLM as well.



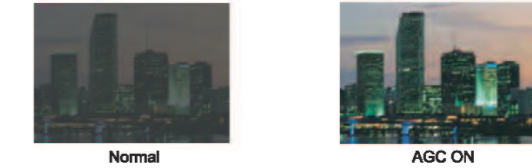
* BLC(Back Light Compensation)

It is an ability of a camera to balance the lighting in a scene with an extremely bright background such as sunlight.It helps to obtain the finest light contrast and get clear images



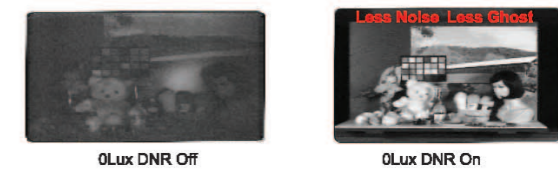
* AGC(Automatic Gain Control)

AGC is circuit that automatically adjusts the incoming signal to proper level for display or recording and the sensitivity of pick-up object to render the most pleasing images.It improves performance in low light conditions.



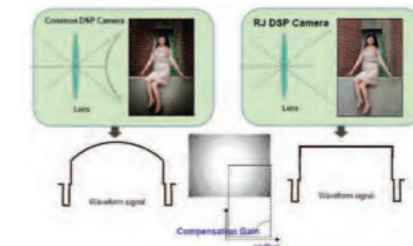
DNR(Digital Noise Reduction)

Even there is no enough light, this camera shows less ghost phenomenon about moving objects with less noise.The most critical issue of DNR is how to produce brighter and less noisy images under the low light environments as well as less ghosting phenomenon.



* LSC(Lens Shading Compensation)

This camera can compensate the difference in signal amplitude according to the position of pixels to preserve the quality of a primitive image.



* TRUE DAY & NIGHT(ICR)

supports filter changed day and night function using DC Motor controller. It can be changeable OLPF day to night depending on the luminance level using DC Motor. It can be also controlled by external Day and Night port.

