

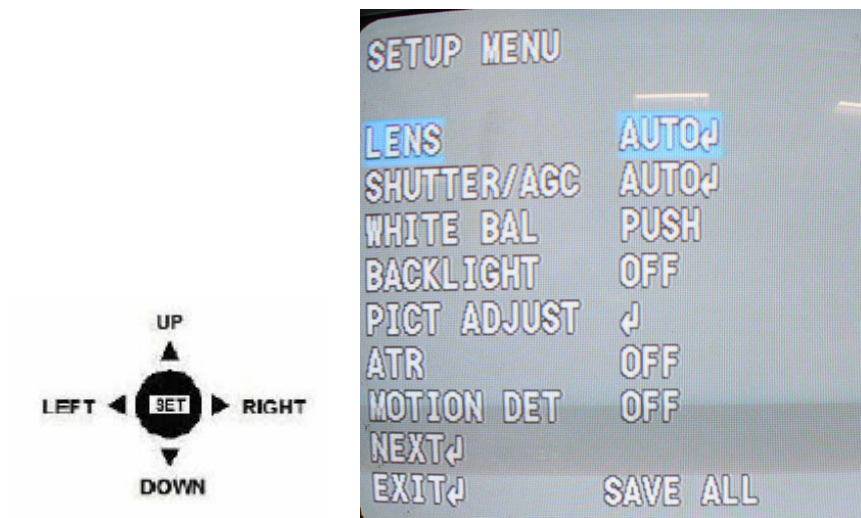
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OSD Manual Set Up Guide

Your camera is equipped with the Effio chip which is one of the best DSP's (Digital Signal Processors) on the market. Your camera is fully adjustable to certain colorization or lighting scenario's. The following guide explains the OSD settings in details.

Wide Dynamic Range cameras are intended to give clear images even under the harshest of lighting conditions. WDR allows the capture and display of both bright and dark areas so that brightly saturated areas are consequently darkened, and low-lit areas are brightened up. This ability to filter light is great for surveillance purposes because it enhances the viewers' ability to distinguish certain features on the subject. WDR security cameras are often recommended in situations where an indoor security camera will be facing a multi windowed room, so that the camera will be able to see through the intense sunlight shining through.

To activate the cameras OSD, you will need to simply push the middle button on the cameras joystick. The middle button on the joystick will now serve as the "Enter" button and the other direction arrows are self explanatory and will help you move about within the OSD settings.



Setup Menu:

Lens: Manual/Auto:

Make sure it is always auto adjusting underneath the camera is always the best way to get the best angle.

Shutter/AGC: Manual/ Auto

(The speed can be set as auto, from 1/50-1/100000, FLK, X2-X56. The user can set the specific speed according to the specific surroundings. The default value is "Auto").

Brightness: The brightness of video setting from 0-255 adjustable, default value is: 50

AGC means auto gain control, the function not only increase the brightness of camera images, but also increase the image noise, users can adjust it from Low/Middle/High or shut it down according to actual situation.

This tells you camera how to react during high light and low light settings and your camera will electronically "brighten up" or "dim down" the picture according the particular light settings at the time. You can switch this to Auto or Manual.

We recommend leaving this on auto as you will more than likely always have light changes, even in indoor scenarios. The only time you should ever think about changing it to manual is if you have an area with the same exact amount of light throughout the entire day. But even in area such as these, an " auto" setting is still usually sufficient.

White Balance:

White balance is used to restore the authenticity of the color, affected by the change of color temperature. Users can choose white balance mode according to the actual situation: Auto-tracking White Balance 1/Auto-tracking White Balance 2/Auto White Balance/Manual White Balance.

Blacklight Compensation

Back light compensation increase the exposure of images. If the object you wish to view is too dim because of a bright background. Set the BLC switch to ON to compensate for the bright background. With BLC on, the background brightness may saturate in some cases. This function may not operate properly if the object is too small compared to the area of the background.

ATR (Adaptive Ton Reproduction) On/ Off.

This is also a feature that can improve your overall picture depending on your scenario. This setting can reproduce a better image during times of luminance and can also improve contrast settings as well. We recommend that you utilize this feature as it can sometimes really make a difference in the lighting and color contrasts of your picture. We recommend that you install the camera in the location and adjust these settings during times of high light as this is when this feature real does its work.

Camera Reset

Sets all values back to Factory Default

*****make sure you save before you exit*****

Some more tips on using OSD menu

1. Camera image can't switch to B/W at night ? Open the camera menu to see if "Day & Night Switch" is set as "AUTO", if not, please change it into AUTO.
2. Noise is very obvious at night with low illumination. Please make sure AGC is "ON"
3. The image color is abnormal. Please check white balance is correctly set as Auto White Balance.