User's Manual
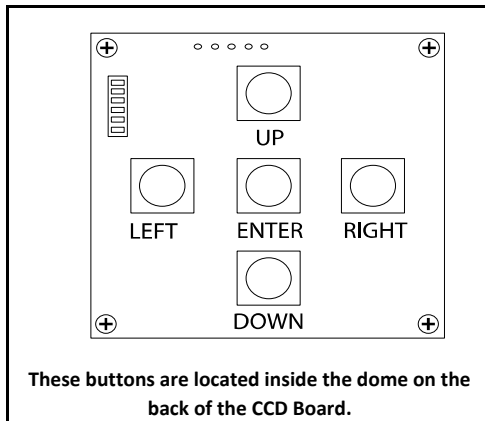
CD250XIR-WDR

Press the center Button to Enter the OSD Menu.
Move Up or Down to move thru the menu options and left or right to change values on the menu,
Press the center button again to get into sub menus.
Always remember to save before you exit.
When you Highlight the Return Option, press the right button to either exit , save and exit or just return.

RETURN ↵→   ←EXIT↓→   ←SAVE & EXIT↓

These buttons are located inside the dome on the back of the CCD Board.

UP

LEFT   ENTER   RIGHT

DOWN

MENU
EXPOSURE
COLOR
DAY & NIGHT
EFFECT
MOTION
PRIVACY
ENHANCE
SYSTEM

Packing List:
- 1 Arlen Screwdriver   - 1 Specification Sheet
- 1 mini flat screwdrive   - 1 mini flat screwdrive
- 1 kit with screws and anchors   - 1 DC connector

1. EXPOSURE

EXPOSURE MENU	NORMAL / BLC / WDR / HLI
SENSE UP	OFF / X2~X1024
AGC	OFF / LOW / MIDDLE / HIGH
LENS	ELECTR / DC IRIS
BRIGHTNESS	0~99
EXIT	

Exposure Settings :
Normal
To be used under normal light conditions ,where none of the conditions listed below are present .
BLC (Backlight Compensation)
WDR (Wide Dynamic Range)
This Function is used to compensate the strong Backlight conditions.
HLI (High Level Interface)
This Function is used when reading License plate at night.

Sense up: (Slowshutter Speed)
OFF
X2~X1024 Manual Slowshutter mode select from low x2 up to high x1024

AGC :(Increases Brightness , the higher the setting the more noise will get on the video)

OFF AGC disabled
LOW Low AGC Setting
MIDDLE Middle AGC Setting
HIGH High AGC Setting

Lens:
ELECTR.(you must use this option as default setting)
Go to Submenu and select the speed for the Shutter.
- 1/100000 to 1/60FLC
- AUTO
- X2 to X1024
DC IRIS
- 1/100000 to 1/60FLC
- AUTO
- X2 to X1024

Brightness:
Brightness control
it ranges from 0~99

2. COLOR

WB MODE	ATW/ AWC / MANUAL / PUSH
EXIT	

ATW (Auto Tracking White Balance)
It Automatically adjusts the color between 1.800K and 10500K.
Use this option if the lighting conditions changes constantly
MANUAL(Adjust the color manually)
Adjust the RED and BLUE settings with values ranging from 0~255

AWC (Preset White Balance)
Use this option when many white objects appears on the scene and also when a object merges to the scene with similar color shade
PUSH
Adjust the white balance by focusing at a white object or white sheet of paper and press enter to adjust the color.

2. DAY & NIGHT

MODE	SMART LED / NIGHT / DAY / AUTO
BURST	ON/OFF
DAY / NIGHT	0~255
NIGHT / DAY	0~255
DELAY TIME	0~10
CDS_START	0~255
CDS_END	0~255

EXIT

MODE:

SMART LED
Adjusts the IR level and also adjust the brightness depending on the distance of the object

NIGHT
Stays on Night mode and B/W

DAY
Stays on DAY mode and Color

AUTO
Camera switches from Color to B/W depending on the illumination of the scene.

BURST:

ON
When this is selected, a COLOR - B/W picture will be shown .This will increase the noise .

OFF
When this is Selected a true B/W piocture will be

DAY/NIGHT
This Option sets the brightness level which will determine when to switch from DAY to NIGHT mode.
NIGHT/DAY
This Option sets the brightness level which will determine when to switch from NIGHT to DAY mode.

DELAY TIME:

This Function controls the switching time between DAY mode to NIGHT mode, and From NIGHT mode to DAY mode.

CDS:

CDS_START
This Option sets the CDS Sensor level which will determine when to switch from DAY to NIGHT mode. And to turn the IR Cut ON

CDS_END
This Option sets the CDS level which will determine when to switch from NIGHT to DAY mode.And to turn the IR Cut OFF.

3. EFFECT

FREEZE	
MIRROR	HORI / VERT / ROTATE
D.ZOOM	ON/OFF (X1.0~X10.0)
SHARPNESS	SHARPNESS (0~49)
STABILIZER	

EXIT

MIRROR
This Option allows you to mirror the image horizontally , vertically and Rotate (turns the image Upside down.
D.ZOOM
This Function allows to magnify a image up to 10X digital.
SHARPNESS
Adjust the Image Sharpness decreasing or Increasing the Values
STABILIZER
This function helps to stabilize the picture and reduce the image shake when the camera physically moves. This function is useful especially when using a high-zoom lens, where every small movement of the camera results in shake

4. MOTION

MOTION DET.	ON/OFF
ALARM MODE	OFF/MESSAGE/AREA
SENSITIVITY	0~120
AREA SELECT	1~4
MODE	ON/OFF
START	X (0~15) / Y(0~15)
END	X (0~16) / Y(0~16)
OUTPUT TIME	0~10
AUTO ZOOM	ON/OFF (N/A)
EXIT	

MOTION DET. (ON/OFF)
This Function allows to identify the area where the motion is detected

ALARM MODE :

OFF - Will not notify when Motion is Detected
MESSAGE - Will Show a man in motion icon on top of the screen.
AREA - A colored transparent Area will show up indicating motion activity.

SENSITIVITY
Sets the Motion Sensitivity levels. from 0 (low) to 120(High).

AREA SELECT. 1~4
This function enables up to 4 motion areas.

MODE ON/OFF
Enable and Disable the MOTION AREA.
START X (0~15) / END X(0~16)
Draws the Horizontal Motion Area
START Y((0~14) / END Y(0~15)
Draws the Vertical Motion Area
*to get to Y settings, highlight the X option and press ENTER .
OUTPUT TIME
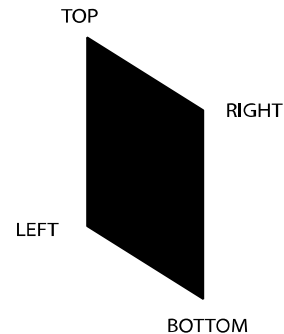Range from 0~10 seconds . For the ALARM Message Mode ONLY.

AUTO ZOOM   N/A
READ TIME (3~12) N/A
ZOOM IN (1~44) N/A

4. PRIVACY

MASK SELECT	1~8
MODE	ON/OFF
COLOR	1~7
TOP	X (29~216) / y(5~128)
LEFT	X (29~216) / y(5~128)
RIGHT	X (29~216) / y(5~128)
BOTTOM	X (29~216) / y(5~128)
MOVE	X (29~216) / y(5~128)
EXIT	

TOP

RIGHT

LEFT

BOTTOM

MASK SELECT
This camera has up to 8 masking areas. These 8 Masking Areas can be setup anywhere in the screen.
and each mask can be enabled or disabled anytime.

MODE (ON/OFF)
Enables or Disables the Privacy Masks . Make sure you are selecting the right privacy mask, looking at the MASK SELECT number.

COLOR
you can choose from 7 different mask colors.

TOP/LEFT/RIGHT/BOTTOM/MOVE
Use these commands to adjust the size of the Mask and Location by looking at the drawing, you will see which is TOP/RIGHT/BOTTOM and LEFT.
X is to move one of the area's point Horizontally.
Y is to move one of the area's point Vertically.
MOVE X move the Mask Area horizontally

4. ENHANCE

GAMMA	0.3~1.0
3D-DNR	0~5
MONITOR	CRT/LCD
DPC	OFF/AUTO
LENS CORR.	0~50
EXIT	

Use these features to enhance the quality of the video

Gamma - (Adjust the Brightness 0.3 brighter 1.0 darker)

3D-DNR- (This Feature is to reduce the Background noise in a low light environment.)

Monitor- (Choose the monitor Type used)

DPC- (N/A)

LENS CORR. - Helps enhance the brightness at the corners of the screen Values range from 0 to 5 from dark to bright.

5. SYSTEM

COMM ID.	N/A		
RS-485	N/A		
BAUDRATE	N/A		
TITLE	ON/OFF	**TITLE**	EDIT
LANGUAGE	ENGLISH / CHINESE		LOCATION
			RETURN
SYNC	INTER / AUTO	**AUTO**	V-PHASE
			RETURN
EXIT			

TITLE:

EDIT: (edit the camera title using these characters move around using the directional buttons and press the center button to select).

@#*+_/(=)
1234567890
OWERTYUIOP
ASDFGHJKL:
ZXCVBNM,.?

— — — — — — — — — — — —

RETURN
CLEAR

TITLE:

LOCATION: (use the directional buttons to move the title location)

RETURN