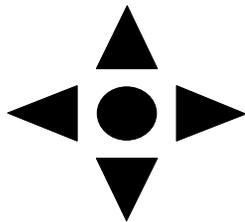


User's Manual

CHLP120IR-EF



This Button is located inside the Housing in the back of the Box Camera.

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.
Once changed just exit and settings will be saved automatically.
If using a RS485 connection, use these settings:
Pelco-D ,2400bps ,ID 01, press IRIS OPEN to enter the menu .
Use UP/DOWN LEFT/RIGHT on the PTZ controller or DVR to go through the

MENU

GENERAL
AWB
AE
D&N
MOTION
PRIVACY
COMM
RESET

Packing List:

- 1 Arlen Screwdriver
- 1 Bracket
- 1 kit with screws and anchors
- 1 Specification Sheet
- 1 DC connector

1. GENERAL

ZOOM	ON/OFF
NEGA/POSI	POSI/NEGA
SHARPNESS	0-15
MIRROR	NORMAL - HORIZONTAL - VERTICAL - ROTATE
ECLIPSE	ON/OFF
SYNC	INT
INITIAL	ON/OFF

ZOOM:(Digital Zoom)
ON/OFF

NEGA/POSI:(Negative or Positive Image)

SHARPNESS:
Adjusts the Sharpness of the Image the bigger the number the sharper the image gets.

MIRROR:
NORMAL- normal position
HORIZONTAL - flip the image horizontally
VERTICAL- flip the image vertically
ROTATE - rotates the image 90 degrees clockwise

ECLIPSE:(Blocks an Intense light)

SYNC:
The Line-Lock (L/L) feature allows the camera to synchronize its frame rate to the power line phase. The function is only available when the camera is operated by AC power. It allows the reduction of the fluorescent lights color rolling effect. When using 12v DC power, the camera is automatically set to internal (INT) synchronization

2. AWB

WB MODE	ATW/ AWC / MANUAL / PUSH
RED CONT.	NOT USE / NOT USE / 70
BLUE CONT	NOT USE / NOT USE / 50
PUSH AUTO	NOT USE / OFF / NOT USE
COLOR GAIN	SET / SET / SET
INITIAL	ON/OFF - ON/OFF - ON/OFF

ATW (Auto Tracking White Balance)

It Automatically adjusts the color between 1.800K and 10500K. Use this option if the lighting conditions changes constantly

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

MANUAL(Adjust the color manually)

Adjust the RED and BLUE settings with values ranging from 0~255

PUSH

Adjust the white balance by focusing at a white object or white sheet of paper and press enter to adjust the color.

RED CONT.

Adjust the RED gain settings with values ranging from 0~255

BLUE CONT.

Adjust the BLUE gain settings with values ranging from 0~255

PUSH AUTO.

It is used in environment full of non "white" light (like bright yellow light) which affect the **AWB** and cause a falls color under **AWB**. In this case you can take a white paper in natural light environment and choose **PUSH**. **The WB values will be set from now and will not change automatically any more.**

COLOR GAIN.

R for red (0~20); B for blue (0~20). The system default value is 15.

3. AE

LENS SELECT	DC	ELC
BRIGHTNESS	0~60	0~60
BACKLIGHT	OFF / LOW / MID / HIGH	OFF / LOW / MID / HIGH
FLICKERNESS	ON/OFF	NOT USE
SHUTTER SPD.	NORMAL, 1/25~1/10000	NOT USE
AGC MAX SET	AGC OFF / LOW / MID / HIGH	AGC OFF / LOW / MID / HIGH
MAX FLD SET	OFF/2FLD/4FLD/8FLD/16FLD/32FLD/64FLD	OFF/2FLD/4FLD/8FLD/16FLD/32FLD/64FLD
INITIAL		

LENS SELECT
DC- License plate camera mode
ELECTR-Uses an electronic iris

BRIGHTNESS
This option allows you to set the brightness of the camera video

BACKLIGHT
What this will do is brighten the object up in the foreground and dim everything down in the background allowing you to see the object better in the foreground

FLICKERNESS
Select this mode if flickering occurs on the screen, because of an irregular balance between illumination and scan frequency The shutter

SHUTTER SPD
Adjusts the Shutter Speed (Normal, 1/25~1/10000)

AGC MAX SET
Automatic Gain Control can be set to LOW, MEDIUM, HIGH or OFF. In a dark environment, when AGC is set to High, the image becomes brighter. The setting here is related to the setting in Day & Night mode.

MAX FLD SET
Slow shutter have many estate : OFF 2/FLD 4/FLD 8/FLD 16/FLD32/FLD 64/FLD

4. D&N

D/N MODE	EXT	AUTO	DAY	NIGHT
EXT INPUT	LOW/HI COLOR	NOT USE	NOT USE	NOT USE
LUX SET	NOT USE	LOW/MID HIGH	NOT USE	NOT USE
FILTER DLY	NOT USE	0~10 SEC	NOT USE	NOT USE
BURST	ON/OFF	ON/OFF	ON/OFF	ON/OFF
INITIAL	ON/OFF	ON/OFF	ON/OFF	ON/OFF
RETURN				

D/N MODE
This Option allows you to mirror the image horizontally , vertically and Rotate (turns the image Upside down).

EXT INPUT
Adjust the Image Sharpness decreasing or Increasing the Values

LUX SET
This Option allows you to mirror the image horizontally , vertically and Rotate (turns the image Upside down).

5. MOTION

DETECT MODE	ON/OFF
MD DISPLAY	ON/OFF
DETECT AREA	CENTER/OUT/UPPER/WHOLE/USER
USER AREA	NOT USE/NOT USE/NOT USE/NOT USE/SET
SENSITIVITY	0~8
ALARM TIME	1SEC~60SEC
INITIAL	

DETECT MODE (ON/OFF)
This Function allows to identify the area where the motion is detected

MD DISPLAY(ON/OFF)
This Function allows to identify the area where the motion is detected

DETECT AREA (ON/OFF)
This Function allows to identify the area where the motion is detected

USER AREA(ON/OFF)
This Function allows to identify the area where the motion is detected

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

ALARM TIME(ON/OFF)
This Function allows to identify the area where the motion is detected

6. PRIVACY

AREA	1~4
MASK	ON/OFF
COLOR	BLACK / GRAY / WHITE
START X	0~187
END X	2~189
START Y	0~124
END Y	2~126
INITIAL	

AREA
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.

MASK (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.

START X
This sets the start of horizontal part of the mask

END X (ON/OFF)
This sets the end of horizontal part of the mask

START Y
This sets the start of Vertical part of the mask

END Y

7. COMM

PROTOCOL	P/D		
CAMERA ID	1		
ID DISPLAY	OFF/ON		
ZONE LABEL	ON/OFF	ZONE LABEL	UP/DN
VERSION	VER 1.1		LE/RI
INITIAL			MENU
			CHAR SELECT
			POSITION
			RETURN

PROTOCOL P/D

CAMERA ID - 000

ID DISPLAY (ON/OFF)

ZONE LABEL (ON/OFF) set the camera label and location of the label on the screen

VERSION- (N/A)

8. RESET

OFF STATE

Dipswitches Settings

For License plate Camera Mode: Dipswitch #10 - ON

For High Resolution Camera Mode: Dipswitch#10 - OFF

When Set to License Plate Mode, please select the Shutter Speed in the OSD Menu

1/50 sec	20mph	30kph
1/100 sec	30mph	45kph
1/250 sec	40mph	60kph
1/500 sec	50mph	80kph
1/1000 sec	75mph	120kph
1/2000 sec	90mph	150kph
1/4000 sec	110mph	180kph
1/10000 sec	135mph	220kph

Also Adjust the Dipswitches for LUX Sensitivity

1 LUX	1,2 OFF
2 LUX	1 OFF 2 ON
4 LUX	1 ON 2 OFF
10 LUX	1,2 ON

The IR LED will turn on depending on the LUX setting