

# HCPRO-SD380 Smoke Detector Security Camera

*Hidden Spy Low-Light Camera*



## OSD Manual

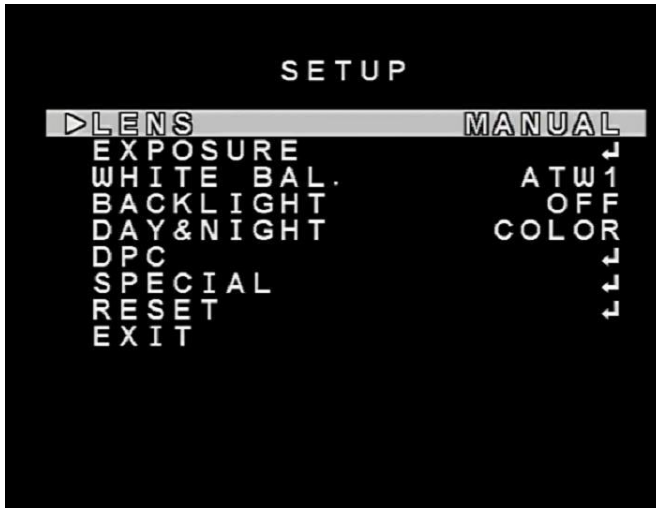
More information about this product can be found online on the [HCPRO-SD380 product page](#).

# HCPRO-SD380 Smoke Detector Camera

## OSD Manual

### 1. LENS

The LENS menus MANUAL,DC,VIDEO.



#### LENS

- Selection of LENS modes.
- The MANUAL means fixed lens mode.
- DC modes use DC-IRIS lens ,VIDEO modes use VIDEO-IRIS lens and they control AE.

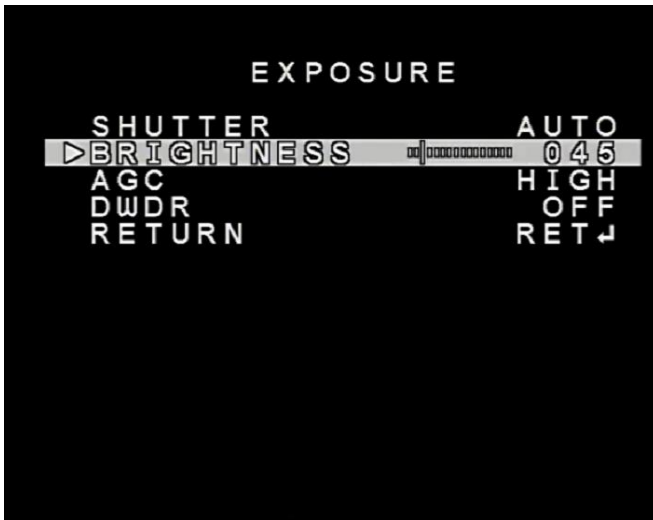
### 2.EXPOSURE

The EXPOSURE menus SHUTTER controls, BRINGHTNESS, AGC, D-WDR.



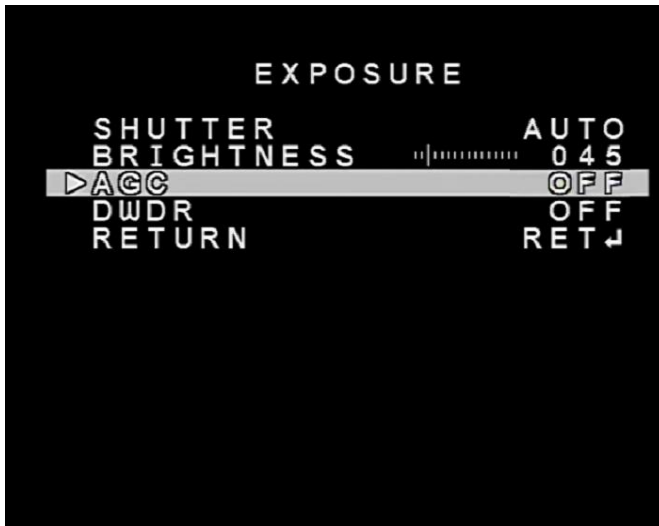
#### EXPOSURE - SHUTTER

- Setting value of electronic shutter.
- Select mode : AUTO, FLK,1/50, 1/250, 1/500,1/2000,1/4000,1/5000,1/10000, 1/100000sec.
- When selecting in Auto mode :  
The shutter mode from 1/50 to 1/100000, is controlled with automatic.



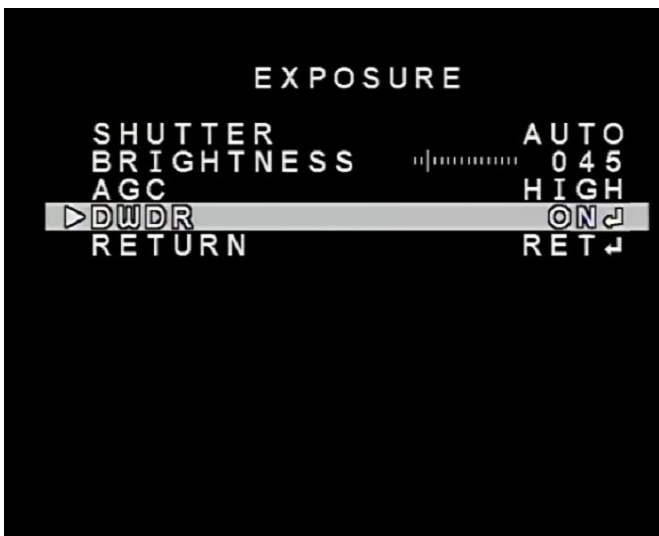
### EXPOSURE - BRIGHTNESS

- BRIGHTNESS : For target brightness control.
- AE controls this in compliance with a set bright control. Bright control from 0 to 255.



### EXPOSURE – AGC

- AGC : Auto Gain Control level set OFF/ LOW/ MIDDLE/ HIGH.

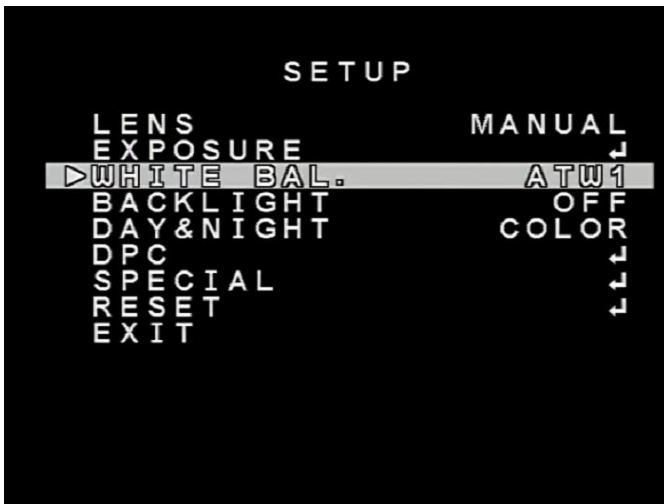


### EXPOSURE - DWDR

- D-WDR: Digital Wide Dynamic Range OFF/ ON (LEVEL : 0 to 63).

### 3.WHITE BAL

The white balance mode.



#### WHITE BAL

- White Balance control mode selects ATW1/ ATW2/ AWC-SET/ MANUAL
- ATW : Auto Tracking White Balance mode.
- AWC : Auto White Balance Control mode.
- AWC-SET : When pushing ENTER, The white balance operate automatically in fixed color temperature area.



#### WHITE BAL-MANUAL-COLOR TEMP

INDOOR/ OUTDOOR/ MANUAL

MANUAL : BLUE/ RED

- BLUE : if it higher than default(64), the white point moves toward BLUE. And it is lower than it moves toward YELLOW..
- RED : if it higher than default(64),the white point moves toward RED. And it is lower than it moves toward GREEN.

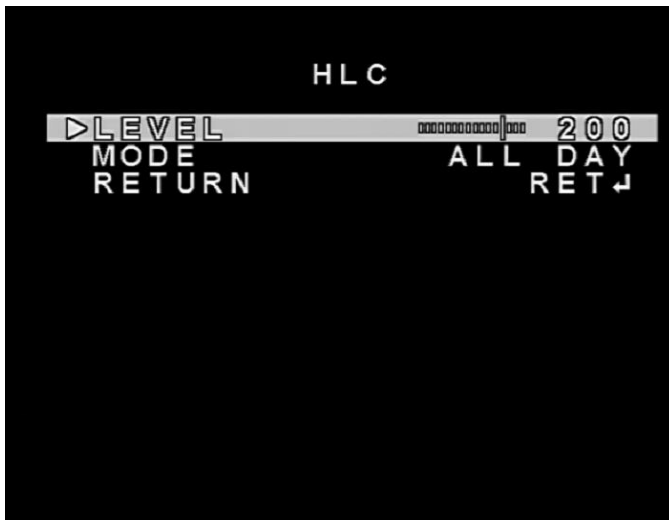
## 4 .BACK LIGHT

BLC and HLC



### BACK LIGHT – BLC

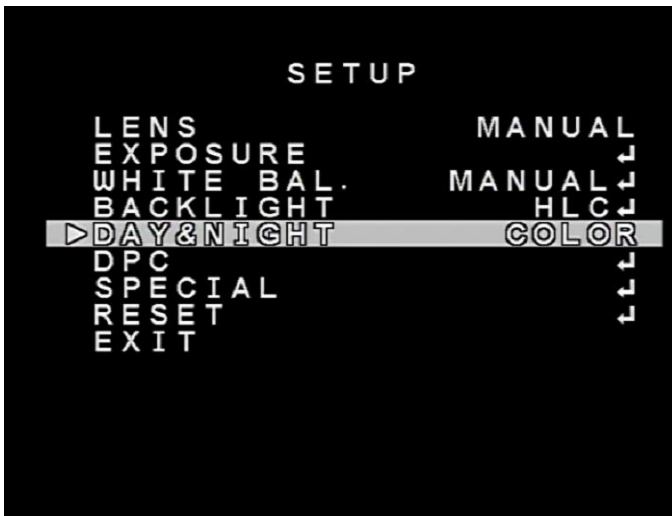
- BLC : Back Light Compensation.
- BLC area and GAIN setting.
- HEIGHT/ WIDTH/ LEFT & RIGHT/ TOP & BOTTOM.



### BACK LIGHT- HLC

- HLC : High Light Compensation  
It is a function which reverses the area about strong light.
- LEVEL : Setting of HLC level.
- MODE : ALL DAY/ NIGHT ONLY  
ALL DAY : Always operating HLC.  
NIGHT ONLY : Only night environment operating. But if day condition, not operating HLC.

## 5.DAY & NIGHT



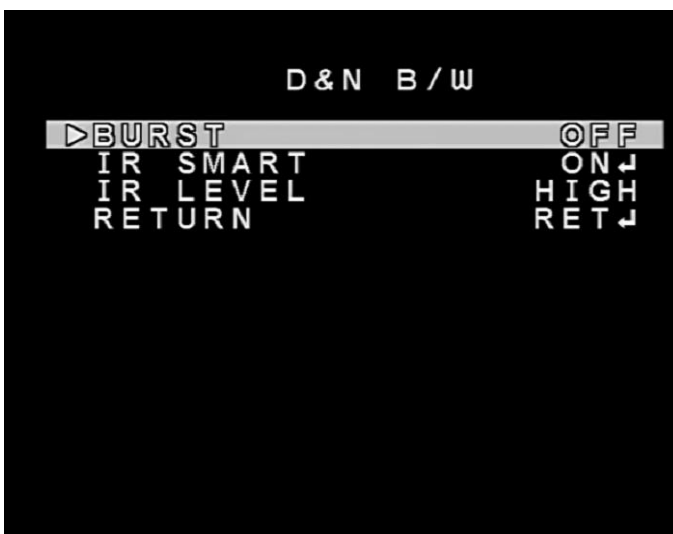
### DAY & NIGHT

- D & N change mode sets
- Select of AUTO/ COLOR/B&W/EXT
- AUTO mode: D&N is decided by AGC gain level.
- COLOR mode: only color mode operates.
- B/W mode: only B&W mode operates.
- EXT mode: D&N decision by external CSD signal.



### DAY & NIGHT – AUTO

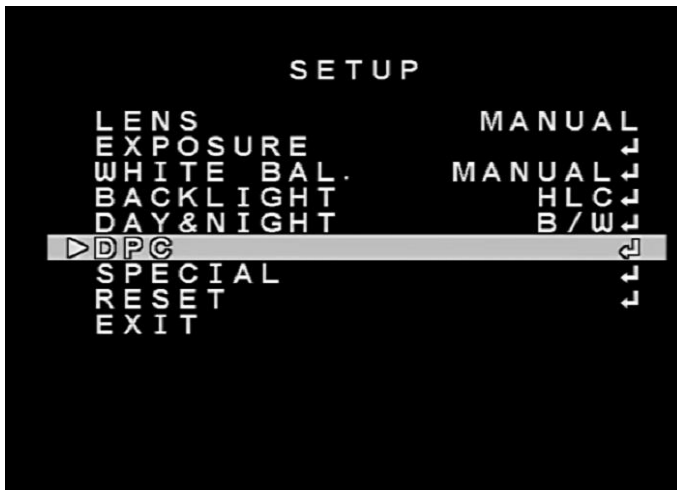
- D→N LEVEL: It controls gain level for changing Night mode.
- D→N DELAY: Set the delay time of DAY to NIGHT.
- N→D LEVEL: It controls gain level for changing DAY mode.
- N→D DELAY; Set the delay time Of NIGHT to DAY.



### DAY & NIGHT – B/W

- BURST: When it is night mode, color burst signal selects ON/ OFF.
- IR SMART: IR SMART changing ON/ OFF mode.
- IR LEVEL: HIGH/ LOW.

## 6.DPC



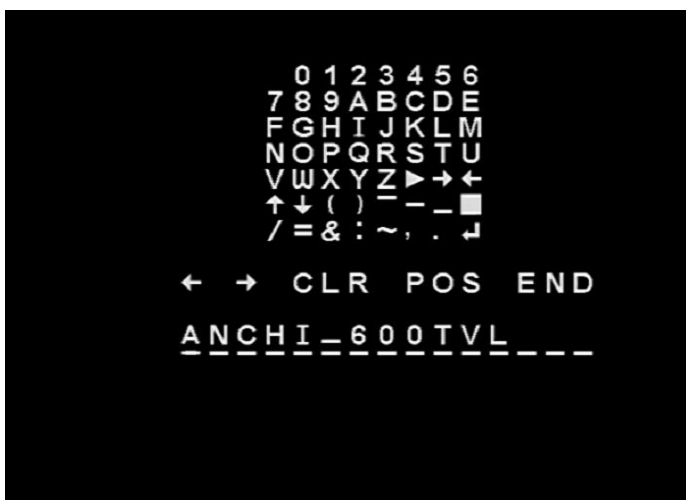
DPC : Dead Pixel Compensation

- Cover the lens then press enter key.

## 7.SPECIAL

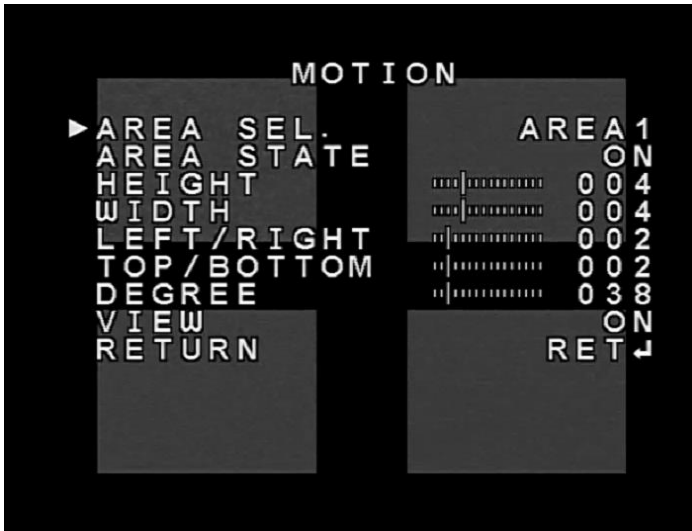


- Sets for CAM TITLE, MOTION, PRIVACY, PARK.LINE, IMAGE ADJ, LANGUAGE.



### SPECIAL – CAM TITLE

- User can write text 55 characters
- ←, →: When it modify, user can move revision text.
- CLR: User can remove all text.
- OS: The text move to the position.
- END: After finishing CAM TITLE to the upper menu.



### SPECIAL- MOTION

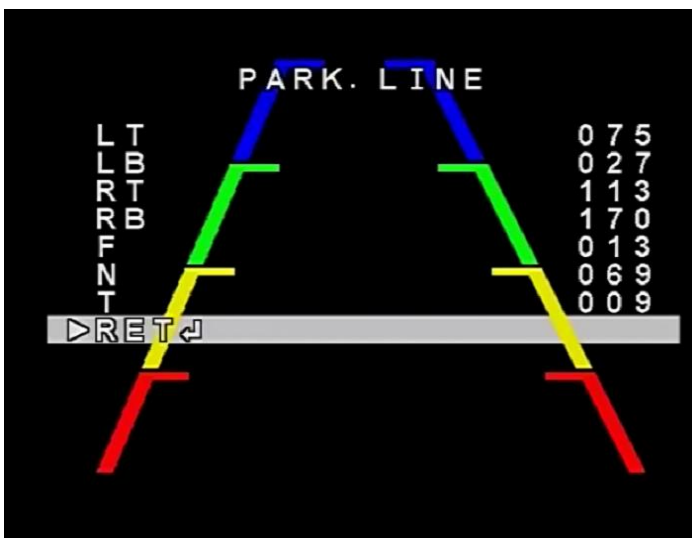
The function is alarm on camera when being moving by the screen. The setting zone are 4 area.

- AREA SEL: Select each area.
- AREA STATE: ON/ OFF.
- HEIGHT/ WIDTH/ LEFT&RIGHT/ TOP&BOTTOM/ DEGREE/: Set the area.
- VIEW: Control alarm display when MOTION indicates.



### SPECIAL- PRIVAC

- The mask controls about the zone where the privacy is necessary.
- The total mask is 8 zones.
- The each mask color can control.

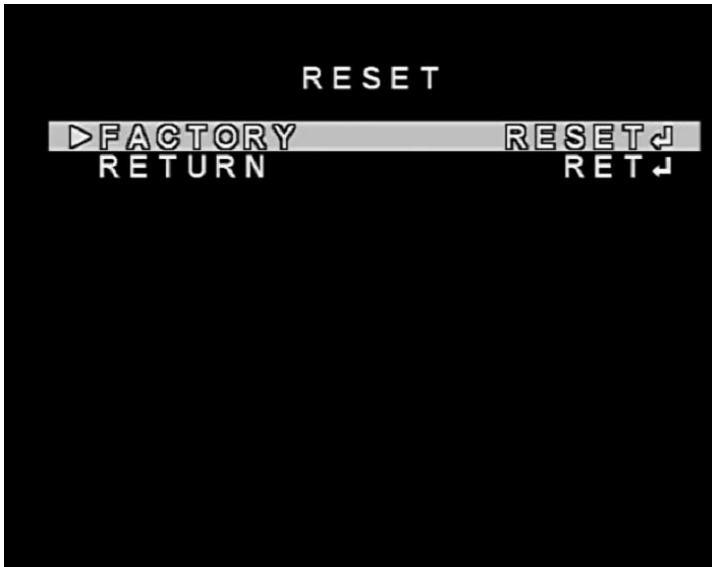


### SPECIAL-PARK.LINE

- Monitor in the video if the car parked at right position.
- LT/ LB/ RT/ RB/ F/ N / T/: Adjust the line's position and width.



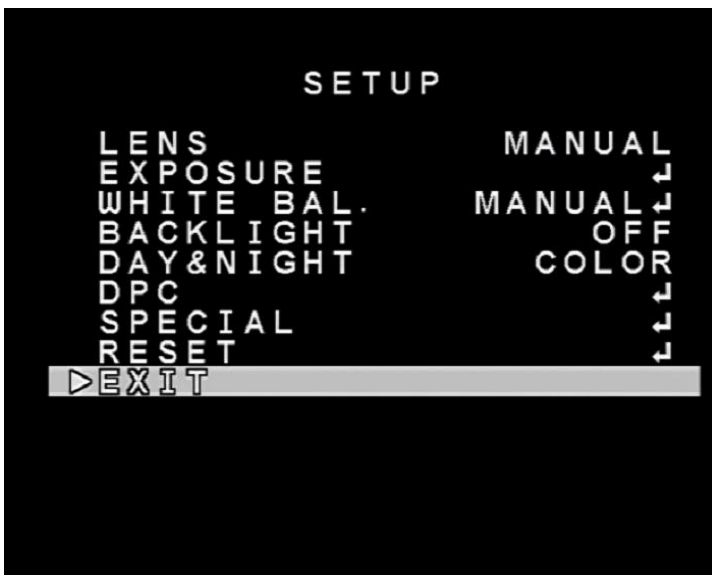
## 8.RESET



### RESET- FACTORY

- FACTORY initial data mode set.

## 9.EXIT



### EXIT

- After adjusted data, exit OSD menu.