

700TVL · Weatherproof IR Camera · Product Specifications



42HIR700VF

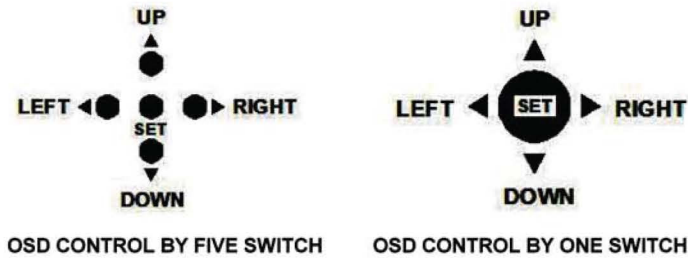
- ◆ Weatherproof IR Camera With OSD
- ◆ Extreme High Resolution
- ◆ 2D-DNR/BLC/MD/Privacy Masking
- ◆ 3-Axis & Hidden Cable Bracket
- ◆ 42pcs of ϕ 5 IR leds, IR Range 50M



Image Device	1/3" SONY
DSP Device	Effio-E
Resolution	Color Mode: 650TVL; B/W Mode:700TVL
Picture Elements	PAL:795(H)×596(V)
IR Led & IR Range	42pcs ϕ 5 IR Led; 35M IR Distance
Min. Illumination	0.001 Lux (F2.0)/ 0 Lux IR On
Lens Furnished	4-9mm Manual Zoom Lens
TV System	PAL
Electronic Shutter	1/50-1/110.000
S/N Ratio	More than 52dB
Gamma	0.45
Exposure	Auto
Shuter/ AGC	Auto/Manual
White Balance	ATW / User1/User2
Backlight	OFF/ON/BLC/ HLC
Pict Adjust	Mirror/Brightness/Contrast/Sharpness/Hue/Gain
ATR	ON/OFF
Motion Det	OFF/ON(Detect sense/ Area Sel)
Peivacy Masking	OFF/ON (4 Zone)
Day/Nigh	True Day and Night (Auto/ Day / Night / Ext. D&N)
2D-NR	OFF/ON (Y/C level)
Camera ID	OFF/ON
Sync. System	Internal
Video Output	1 Vp-p / 75 Ohms
Power Supply	DC12V±10%
Operation Temperature	-10°C ~ +50°C RH95% Max
Dimension	Body : ϕ 100x130mm With Bracket: 260(L)x110(W)x185(H)
Weight	1.6kg

OSD MANUAL (V1.0)

Warning: Please read this manual carefully before installation and use!



SET: push [SET] into Main Menu

UP/DOWN: [UP] or [DOWN] for move up and down.

LEFT/RIGHT: [LEFT] or [RIGHT] for modifying the menu parameters.

1. Press Set key to show the OSD Main Menu,
2. Select different menu content by UP and DOWN button
3. Through the left (LEFT) or right (RIGHT) button to change the selection of different modes.
4. Chose EXIT and press SET key to end the setting.

5. PICT ADJUST

Mirror: This function is used to achieve picture horizontal reverse.

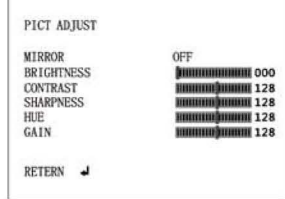
Brightness: It can adjust the brightness of the picture (0-255)

Contrast: It can adjust the contrast of the picture (0-255)

Sharpness: It can adjust the Sharpness of the picture (0-255)

HUE: It can adjust the HUE of the picture (0-255)

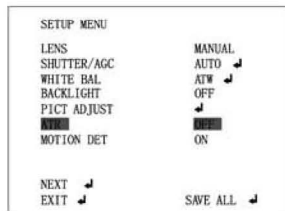
Gain: It can adjust the gain of the picture (0-255)



6. ATR

ON: bright/dark compensate open

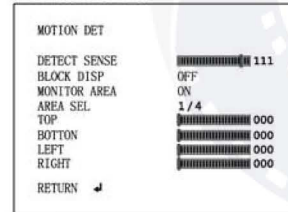
Sharpness OFF:ATR CLOSE



7. MOTION DET

ON: MOTION DET open, one checking area

OFF: MOTION DET close



8. NEXT: NEXT PAGE

9. EXIT: EXIT MENU

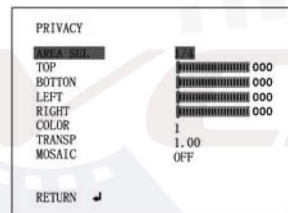
10. SAVE ALL



11. Privacy Zone

On: turn on the function, it contains 4 privacy zones.

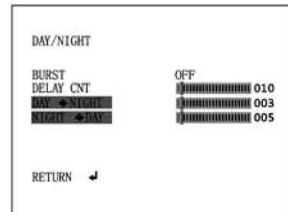
Off: turn off the function.



12. Day/ Night Mode

Auto: Select this, the camera will show color image in high lux and will auto change into black/white image in low lux.

Color: select this menu to show color image. Black/White select this menu to show black/white image.



13. Noise reducing

NR model: choose NR mode.

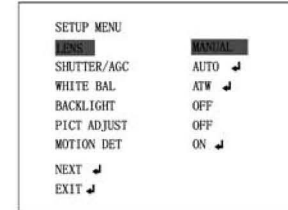
Y Level: brightness signal

C Level: color signal Return

1. LENS

Manual: Please choose 'manual' when use manual iris lens for the camera

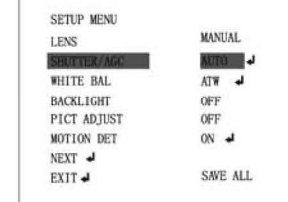
Auto: Please choose 'Auto' when use manual iris lens for the camera



2. SHUTTER/AGC

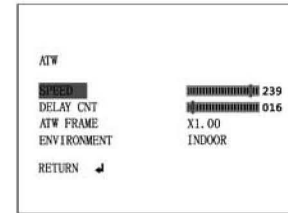
AUTO: Auto control of the shutter is enabled. The shutter speed is controlled automatically according to the brightness of the scene.

MANUAL: The shutter speed can be controlled manually

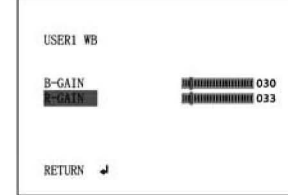


3. WHITE BAL(white balance)

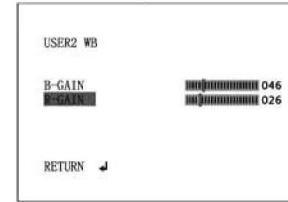
ATW: The camera can adjust the white balance automatically according to the color temperature range.



Single press: use for the fixed environment
User 1: User can adjust white balance as he need.

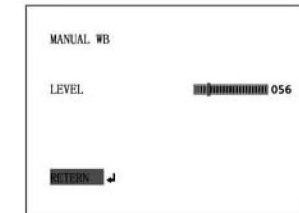


User 2: User can adjust white balance as he need



Color rolling suppression: Restrain color rolling when the frequency of the camera and the testing temperature are not the same.

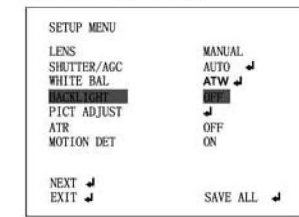
Manual: This mode is used for advanced settings. User can adjust white balance manually from 015 to 056.



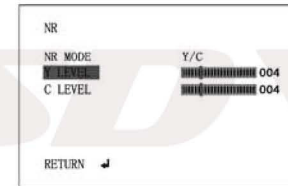
4. BACKLIGHT COMPENSATION

Backlight Compensation: when there is strong back lighting at the back of the monitored object, you can use this function to get clear images both for the object and the background

Strong light BLC: by processing light signal or exposure compensation to achieve backlight compensation and brightness compensation
OFF: close 'BLC' function



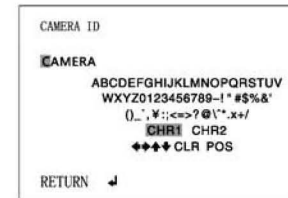
2 3



14. Camera ID

On: turn on the camera ID function

Off: turn off the function.



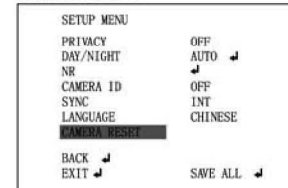
15. Synchronous Mode: Int Sync



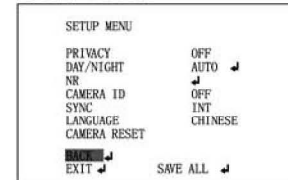
16. LANGUAGE: Including Chinese, English, Japanese, Germany, French, Russian, ortuguese, Spanish



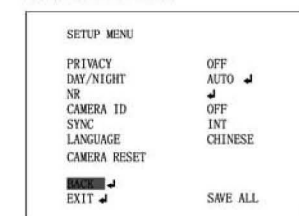
17. CAMERA RESET: Menu restore to factory default.



18. BACK: Previous



19. EXIT: Exit Menu.



20. SAVE ALL: Save

