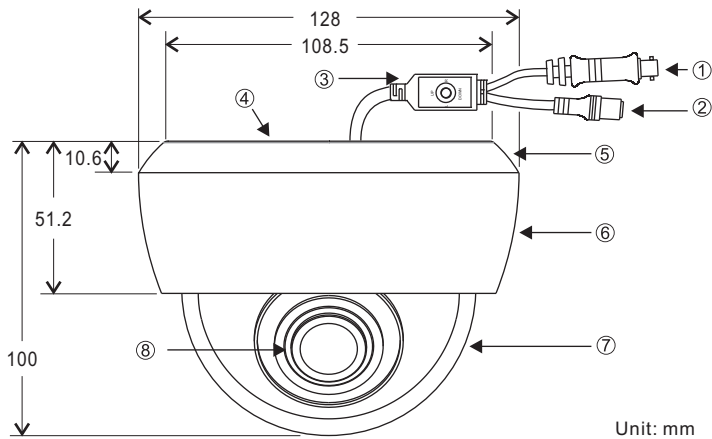




Instruction Manual

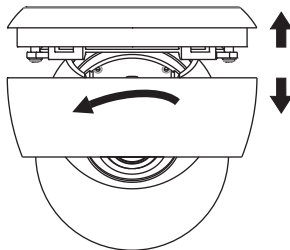
Part Description & Dimensions



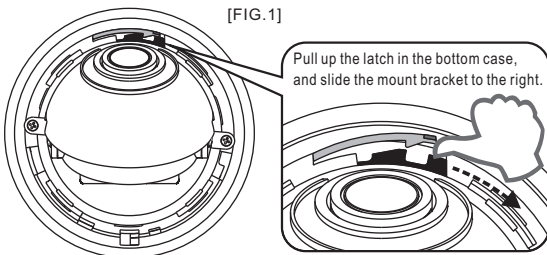
- ① VIDEO OUTPUT JACK
- ② POWER INPUT JACK (DC12V $\pm$ 10%)
- ③ OSD TACT SWITCH
- ④ MOUNT BRACKET
- ⑤ BOTTOM CASE
- ⑥ TOP CASE
- ⑦ DOME COVER
- ⑧ LENS

Installation

1. Remove the camera from the package and separate the top case from the bottom case (Figure 1), and remove the mount bracket from the bottom case (Figure 2).

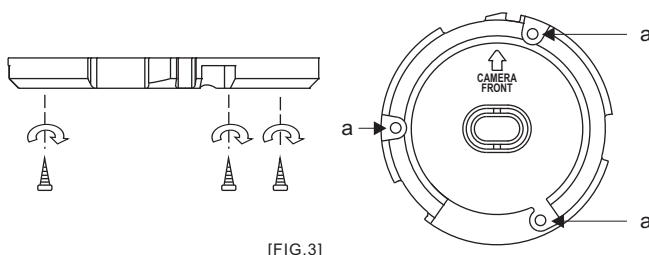


[FIG.1]



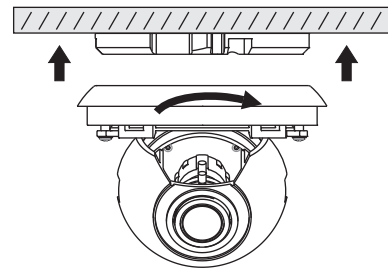
[FIG.2]

2. Use the provided screws (M4.0x25, Truss head screw) to secure the 3 “a” on the mount bracket (FIG.3) and mount it on the desired position.



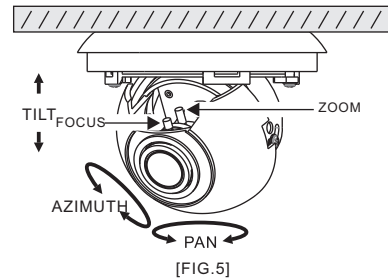
[FIG.3]

3. Align the camera lens with  , and turn the bottom case clockwise to secure it to the mount bracket (FIG.4).



[FIG.4]

4. Adjust the focus and zoom level of the lens for the desired object, turn the camera to the desired angle (FIG.5), and then change the OSD menu settings.

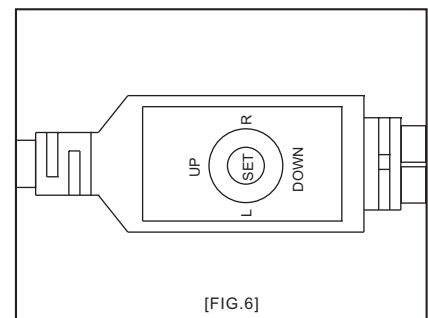


[FIG.5]

- #### 4-1. User OSD Setting

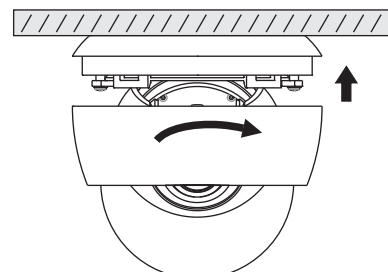
Use the tact switch to change the OSD settings (FIG.6).

1. UP : Push **UP** to move the cursor upwards or to select items.
2. L : Push **L** to move the cursor to the left and to select or adjust the parameters of the selected item. The parameters changes each time this switch is pushed.
3. R : Push **R** to move the cursor to the right and to select or adjust the parameters of the selected item. The parameters changes each time this switch is pressed
4. DOWN : Push **DOWN** to move the cursor downwards or to select items.
5. SET : Press **SET** to execute selections and display a submenu for an item with the  mark.



[FIG.6]

5. Turn the top case clockwise to secure it to the bottom case (FIG.7).

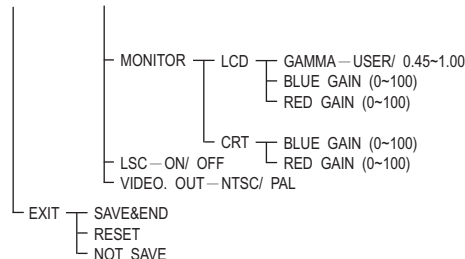
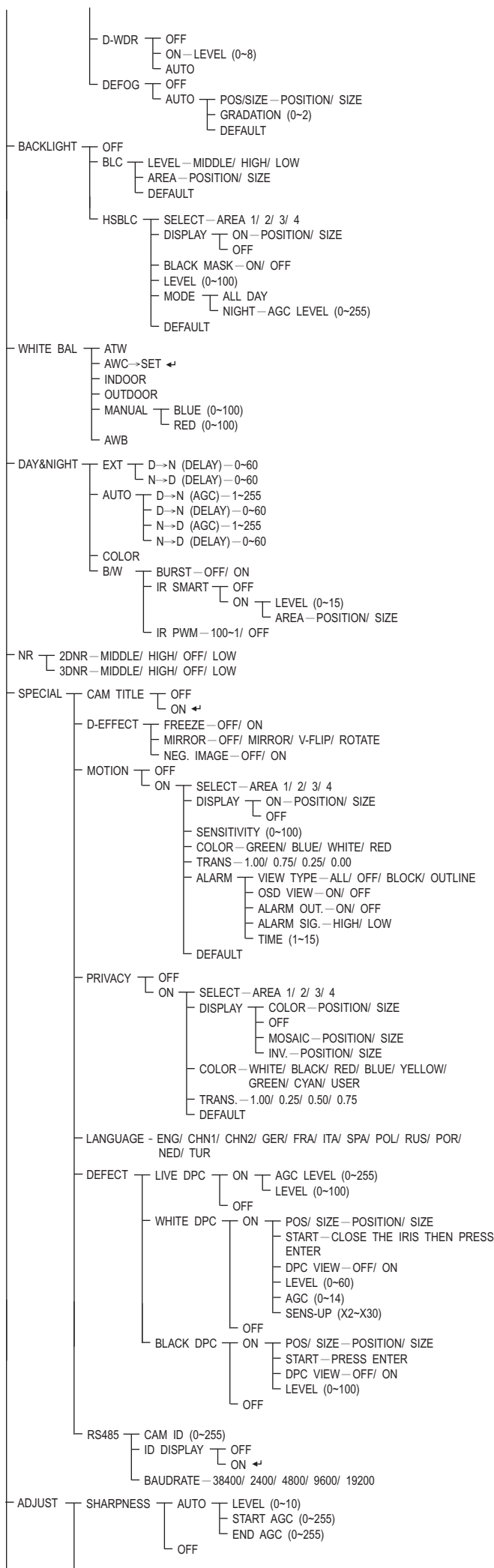


[FIG.7]

Menu Map

```

graph LR
    MM[MAIN MENU] --- L[LENS]
    MM --- DC[DC]
    MM --- EX[EXPOSURE]
    DC --- M[MANUAL]
    DC --- MODE[MODE]
    DC --- IS[IRIS SPEED 0-15]
    MODE --- IN[INDOOR]
    MODE --- OUT[OUTDOOR]
    OUT --- MIN[MIN SHU - 1/30 1/25]
    OUT --- MAX[MAX SHU - 1/60 1/50 ~ 1/50000]
    EX --- SH[SHUTTER - AUTO/ 1/30 1/25/ 1/60 1/50/ FLK - 1/50000/ X2-X30]
    EX --- AGC[AGC 0-15]
    EX --- SU[SENS-UP]
    SU --- OFF[OFF]
    SU --- AUTO[AUTO - SENS-UP X2-X30]
    EX --- BR[BRIGHTNESS 1-100]
  
```



NOTES

1. Press and hold **L** for more than 5 sec. to enter the 1280H mode.
2. Press and hold the **R** for more than 5 sec. to enter the AHD mode.
3. Press and hold **DOWN** for more than 5 sec. to enter the NTSC or PAL mode.

Setting Menu and Function

To Open and Exit the Menu screen

1. Press **SET** to show the menu on the screen. Check the current settings on the menu.
2. Push **UP** or **DOWN** to select the options then push **L** or **R** to select a mode.
 - **SAVE&END**: Save the settings of the internal OSD menu.
 - **NOT SAVE**: Discard the settings of the internal OSD menu.
 - **RESET**: Restore the camera settings to factory defaults.
 - **RETURN**: Return to the previous page.
 - **EXIT**: Exit the main menu.

MAIN MENU	
► 1. LENS	MANUAL
2. EXPOSURE	↔
3. BACKLIGHT	OFF
4. WHITE BAL	ATW
5. DAY&NIGHT	EXIT ↔
6. NR	↔
7. SPECIAL	↔
8. ADJUST	↔
9. EXIT	SAVE&END ↔

Specifications

D/N 720P AHD VARI-FOCAL DOME IR CAMERA		
Model No.	AHD261AX4.2	
Lens	Focal Length	2.8 ~ 12mm
	Iris	F1.4
	Angle of View	H 91° ~ 28°
		V 67.5° ~ 21.2°
	D	120.8° ~ 36°
Power Input Voltage	DC12V ±10%	
System	NTSC or PAL	
Pick Up Element	1/3" CMOS Image Sensor	
Effective Pixels	1,305(H) x 977(V)	
Scanning System	Progressive Scan	
Menu Control	OSD Control	
Sync. Mode	Internal	
Infrared Cut Filter	Auto Selectable, Automatic Switch from Color Mode to Monochrome	
Resolution	1280(H) x 720(V) @ 30/25fps	
Minimum Illumination	0.01Lux / F1.4, 0Lux (IR On)	
S/N Ratio	More than 55dB (AGC-Off)	
Auto Gain Control	AUTO (16 Steps)	
White Balance	ATW / AWC / INDOOR / OUTDOOR / MANUAL / AWB	
Shutter	Auto	1/60(1/50)S ~ 1/50,000S
	Manual	1/30(1/25)S, 1/60(1/50)S, FLK, 1/240S, 1/480S, 1/1,000S, 1/2,000S, 1/5,000S, 1/10,000S, 1/50,000S
Sense-Up	OFF / AUTO (X2 ~ X30)	
D-WDR	OFF / ON / AUTO	
Back Light Compensation	OFF / BLC / HSBL	
Noise Reduction	2DNR & 3DNR	
Defog	OFF / AUTO	
Privacy Masking	OFF / ON	
Privacy Masking Zone	4 Zones	
OSD Language	ENG / CHN1 / CHN2 / GER / FRA / ITA / SPA / POL / RUS / POR / NED / TUR	
Video Output	AHD720P / 1280H	
Power Consumption	3.6W	
Operating Temperature	-10°C ~ +50°C (-14°F ~ 122°F)	
Window	φ 65 Heat Resistant Glass	
Infrared LED	Peak Wavelength	850nm
	Beam Spread	30°
	Radiant Distance	20M
Dimension	φ 128 x 100mm(H)	
Weight	325g	

Design and specification are subject to change without notice.