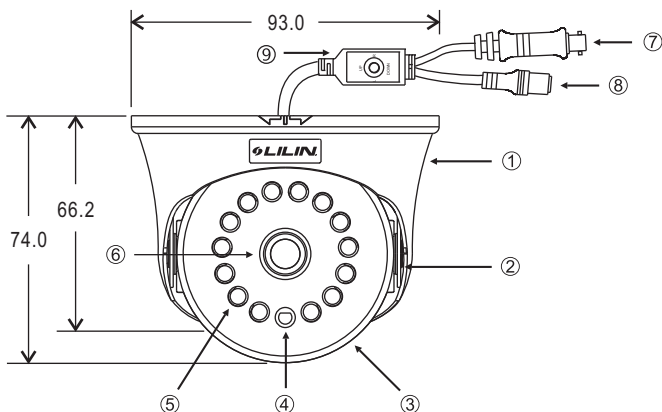




AHD DOME IR CAMERA

Instruction

Part Description & Dimension

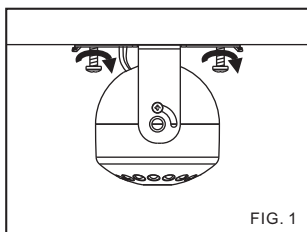


Unit : mm

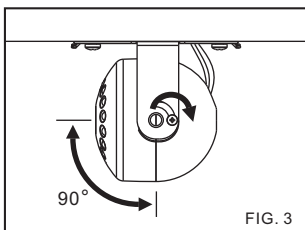
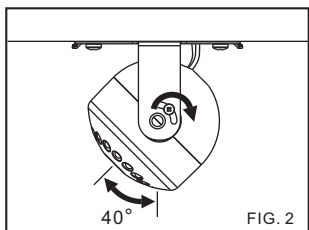
- ① COVER
- ② BRACKET
- ③ CAMERA
- ④ LIGHT SENSOR
- ⑤ INFRARED LED
- ⑥ LENS
- ⑦ VIDEO OUTPUT JACK
- ⑧ DC POWER INPUT (DC12V ±10%) JACK
- ⑨ OSD TACT SWITCH

Installation

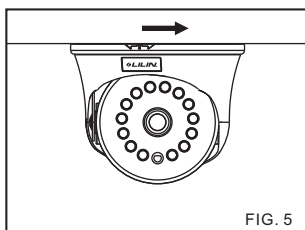
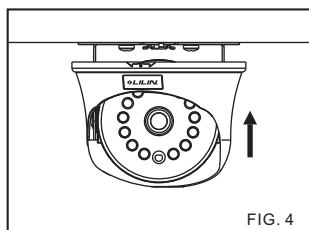
1. Take out the camera first, which is connected with the bracket, and turn the lens downward. Fix the bracket on the desired place with supplied screws (M4.0x25, wooden screw) (FIG.1).



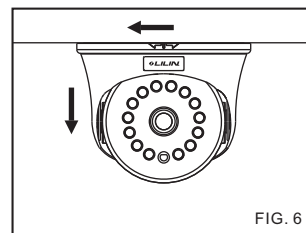
2. Adjust the camera to desired angle (should be between 40° to 90°, otherwise the cover will be difficult to replace), and then tighten two screws on both side of the camera (FIG.2 & FIG.3).



3. Take out the cover. Align the mark on the cover with the hinge of the bracket (FIG.4) and turn right to twist lock properly(FIG.5).



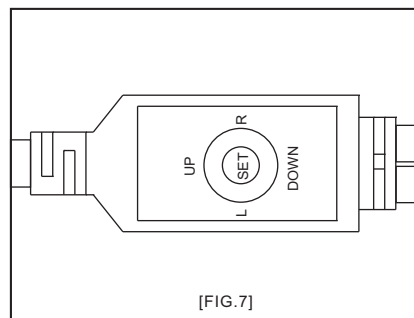
4. To take off the cover, turn the cover left to unlock(FIG.6).



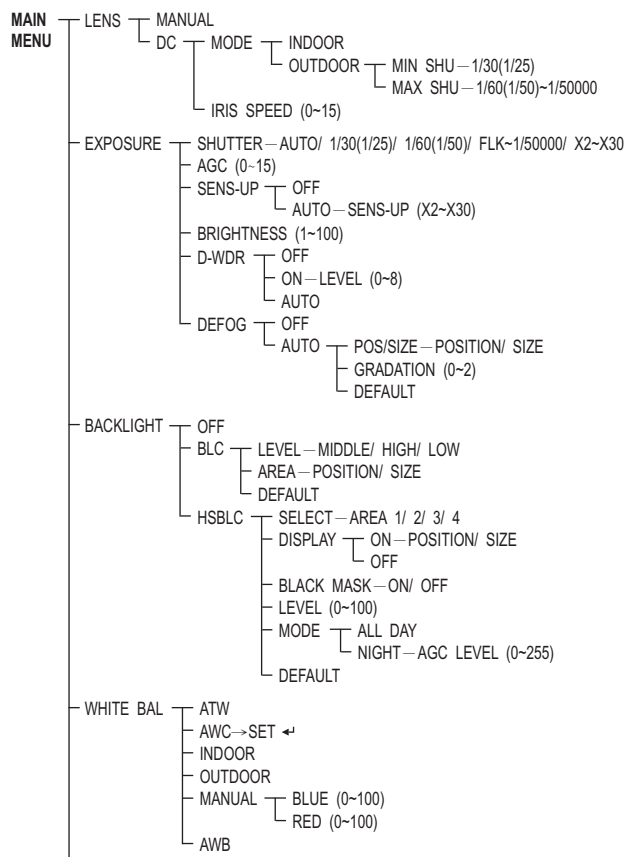
User OSD Setting

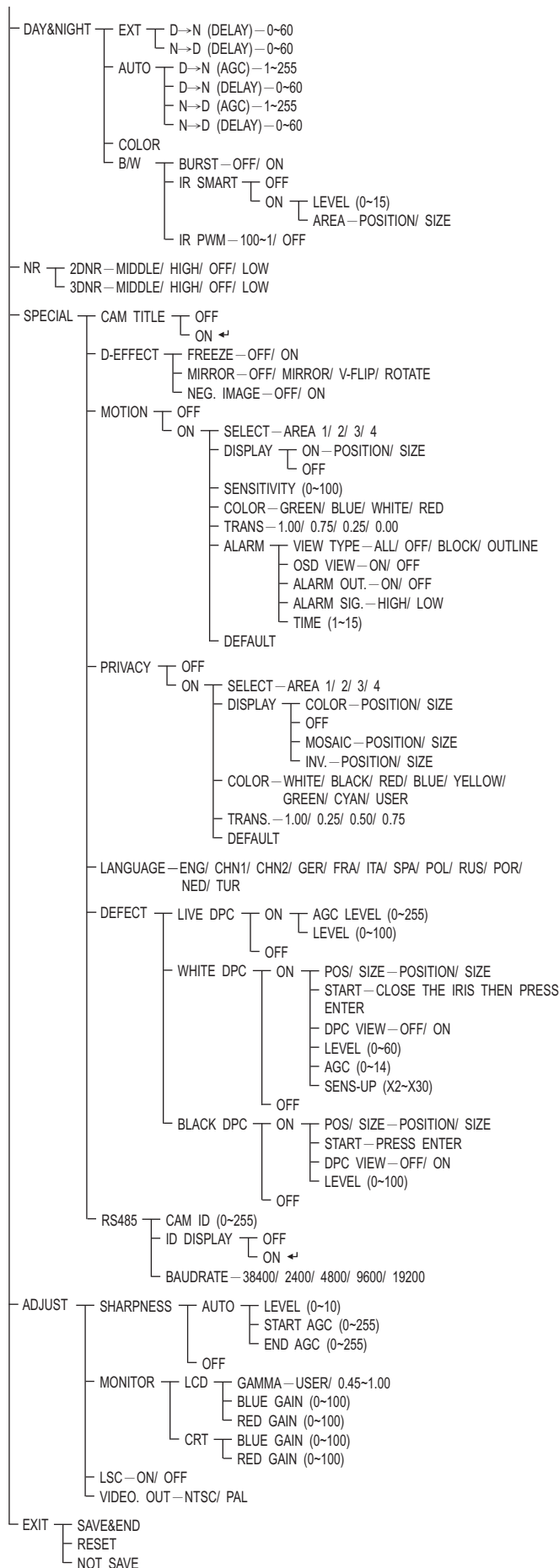
Setting switches and functions (FIG.7).

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 pushed.
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.



Menu Map





Setting Menu and Function

To Open and Exit the Menu screen

- Press **SET** to show the menu on the screen. Check the current settings on the menu.
- 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 DOME IR CAMERA						
Model No.		AHD751A3.6		AHD751A6		
Lens	Focal Length		3.6mm		6.0mm	
	Iris		F2.0		F1.8	
	Angle of View	H	72.2°		46.5°	
		V	52.9°		34.5°	
		D	94.3°		59.3°	
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			0.02Lux / F1.8, 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 / HSBLC			
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			3W			
Operating Temperature			-10°C ~ +50°C (-14°F ~ 122°F)			
Infrared LED	Peak Wavelength		850nm			
	Beam Spread		30°			
	Radiant Distance		16M			
Dimension			φ 93 x 74mm(H)			
Weight			230g			

Design and specification are subject to change without notice.

NOTES

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