

LILIN

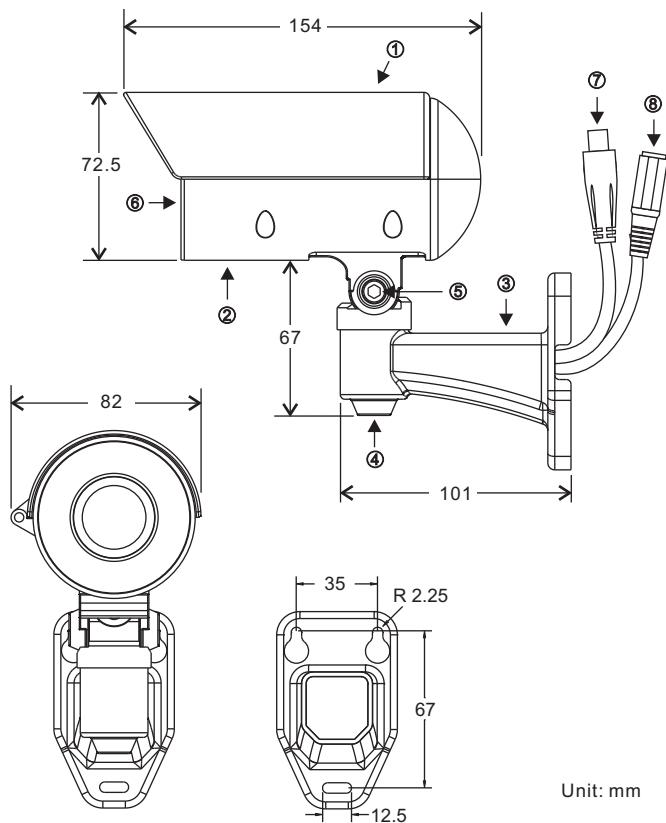
AHD IR CAMERA

66-AHD701ACSE-3



Instruction

Part Description & Dimension

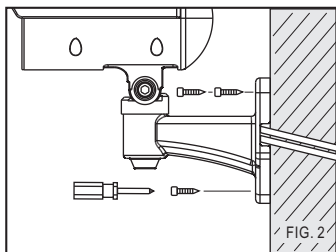
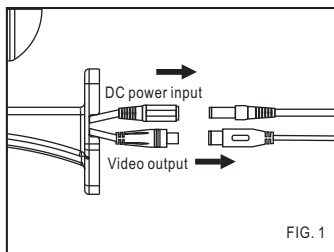


- ① TOP COVER
- ② BOTTOM CHASSIS
- ③ BRACKET
- ④ PAN ADJUSTMENT SCREW
- ⑤ TILT ADJUSTMENT SCREW
- ⑥ WINDOW
- ⑦ VIDEO OUTPUT JACK
- ⑧ DC POWER INPUT JACK (DC12V $\pm$ 10%)

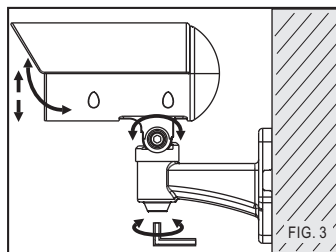
Unit: mm

Installation

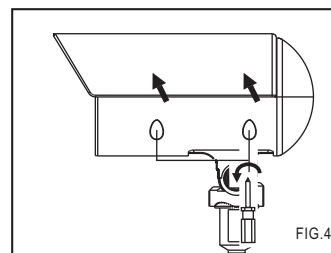
- Take out the camera from the inner box first. Plug the video cable and power cable to video output jack and DC power input jack of the camera (FIG.1). Then fix bracket to the wall (FIG.2).



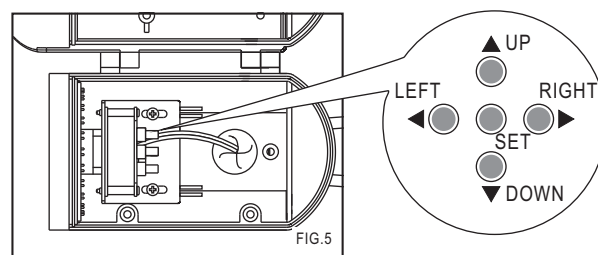
- Loosen the pan and tilt adjustment screw on the bracket to turn the camera body to the desired angle and then tighten the screws (FIG.3).



- Open the top cover with screw driver (FIG.4).



- Adjust the OSD menu to form the optimal image (FIG.5).

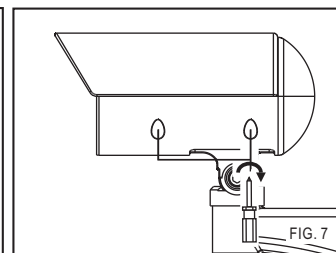
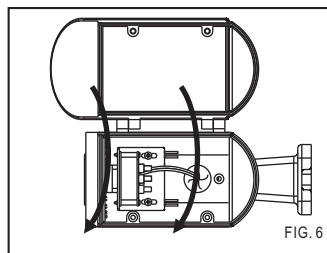


4-1. USER OSD SETTING

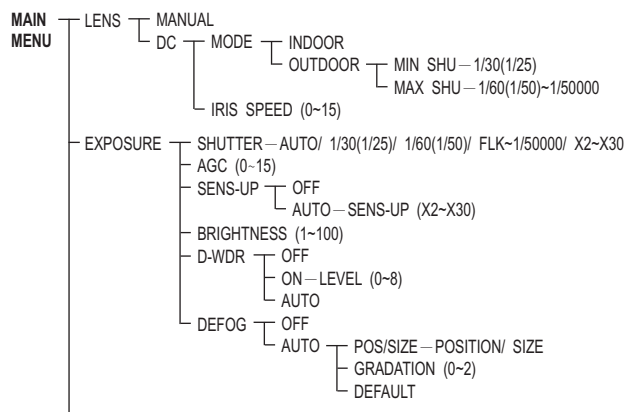
Setting switches and Functions.

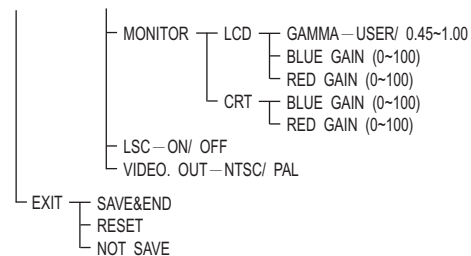
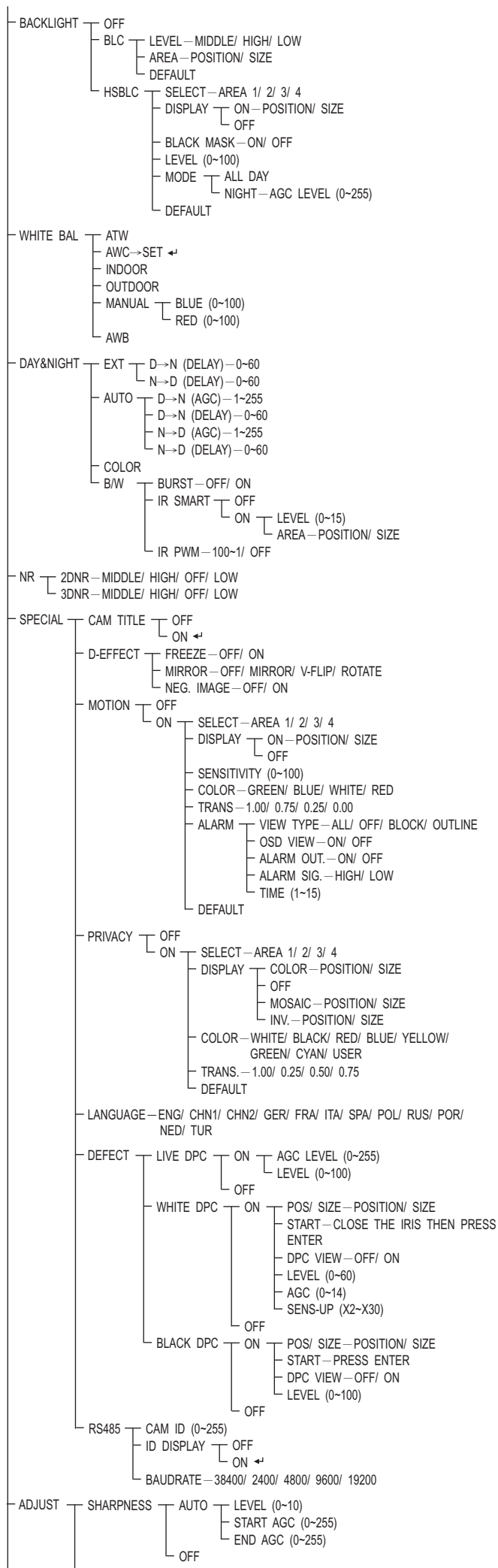
- A. ▲ (UP) : Press to move the cursor upwards or to select items.
- B. ◀ (LEFT) : Press to move the cursor to the left and to select or adjust the parameters of the selected item. The parameters changes each time this button is pressed.
- C. ▶ (RIGHT) : Press to move the cursor to the right and select or adjust the parameters of the selected item. The parameters changes each time this button is pressed.
- D. ▼ (DOWN) : Press to move the cursor downwards or to select items.
- E. SET : Executes selections and displays a submenu for an item with the mark.

- Replace the top cover and tighten the screws (FIG.6&FIG.7).



Menu Map





NOTES

1. Press and hold the LEFT key for more than 5 sec. will enter the 1280H mode.
2. Press and hold the RIGHT key for more than 5 sec. will enter the AHD mode.
3. Press and hold the DOWN key for more than 5 sec. will 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. Press▲or▼ button to select the options then use◀or▶ button 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) IR CAMERA				
Model No.		AHD701A3.6	AHD701A6	AHD701AX4.2
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)		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 / 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		4.6W		4.1W
Operating Temperature		-40°C ~ +50°C (-40°F ~ 122°F)		
IP Rating		IP66		
Window		φ 65 Heat Resistant Glass		
Infrared LED	Peak Wavelength		850nm	
	Beam Spread		30°	
	Radiant Distance		30M	
Dimension		Body: 82mm(W) x 72.5mm(H) x 154mm(D), Bracket: 101mm(L)		
Weight		530g		545g

Design and specification are subject to change without notice.