

LILIN

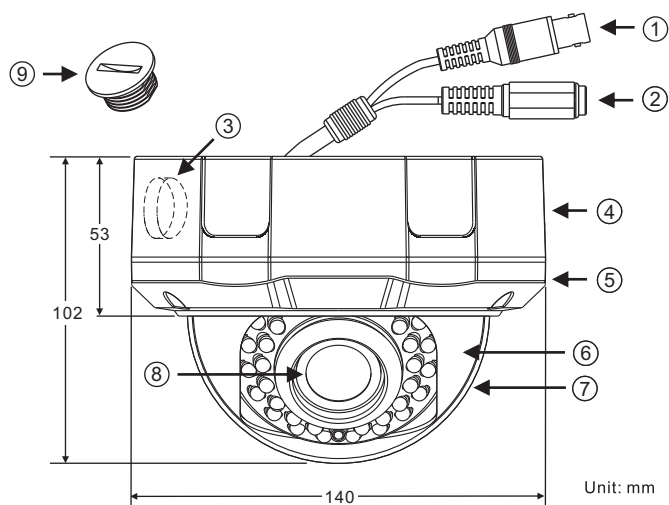
AHD AF DOME IR CAMERA

66-AHD662AFCSE-1



Instruction Manual

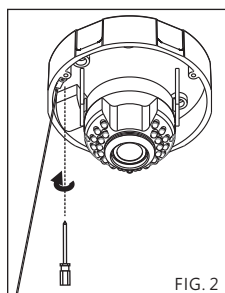
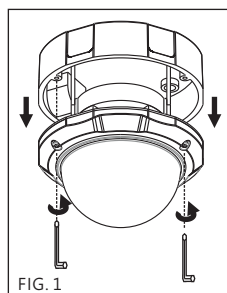
Part Description & Dimensions



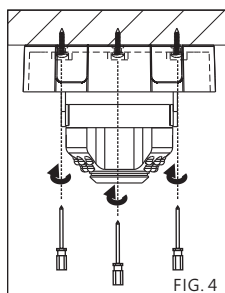
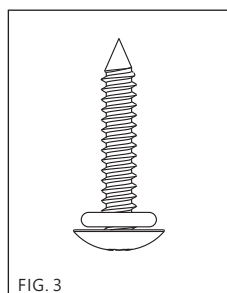
- | | |
|---|---------------|
| ① VIDEO OUTPUT JACK | ⑥ INNER COVER |
| ② DC POWER INPUT JACK (DC12V $\pm$ 10%) | ⑦ DOME COVER |
| ③ SIDE HOLE | ⑧ LENS |
| ④ BOTTOM CHASSIS | ⑨ HOLE PLUG |
| ⑤ TOP COVER | |

Installation

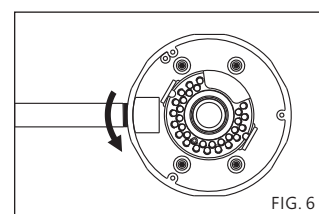
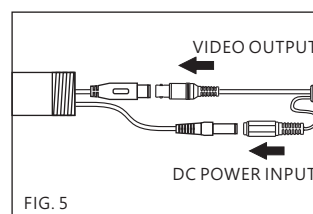
1. Please use the enclosed hexagon screwdriver to loosen the 3 screws on the cover (FIG.1).



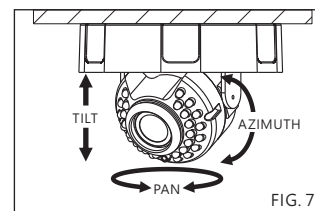
2. Secure the safety rope onto the bottom chassis (FIG.2). Then tighten the truss head screws (M4.0x25), on which the O rings are put (FIG.3), on the 4 mounting holes of the bottom chassis (FIG.4). Secure the bottom chassis to the desired location.



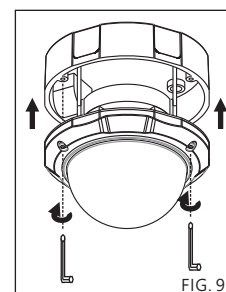
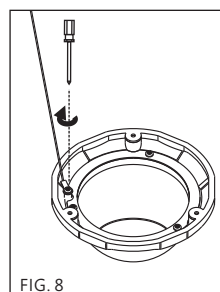
3. Insert the video cable and power cable through the tube, and connect the video output jack and the DC power input jack of the camera (FIG.5). Then screw the tube into the side hole of the bottom chassis (FIG.6).



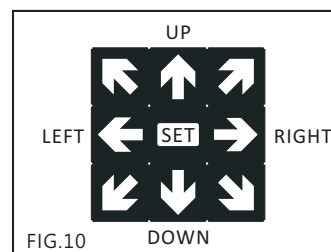
4. Adjust the pan, tilt and azimuth of the camera to the desired location (FIG.7).



5. Fix the safety rope on the top cover with a screwdriver (FIG.8). Replace the top cover and tighten the screws (FIG.9).



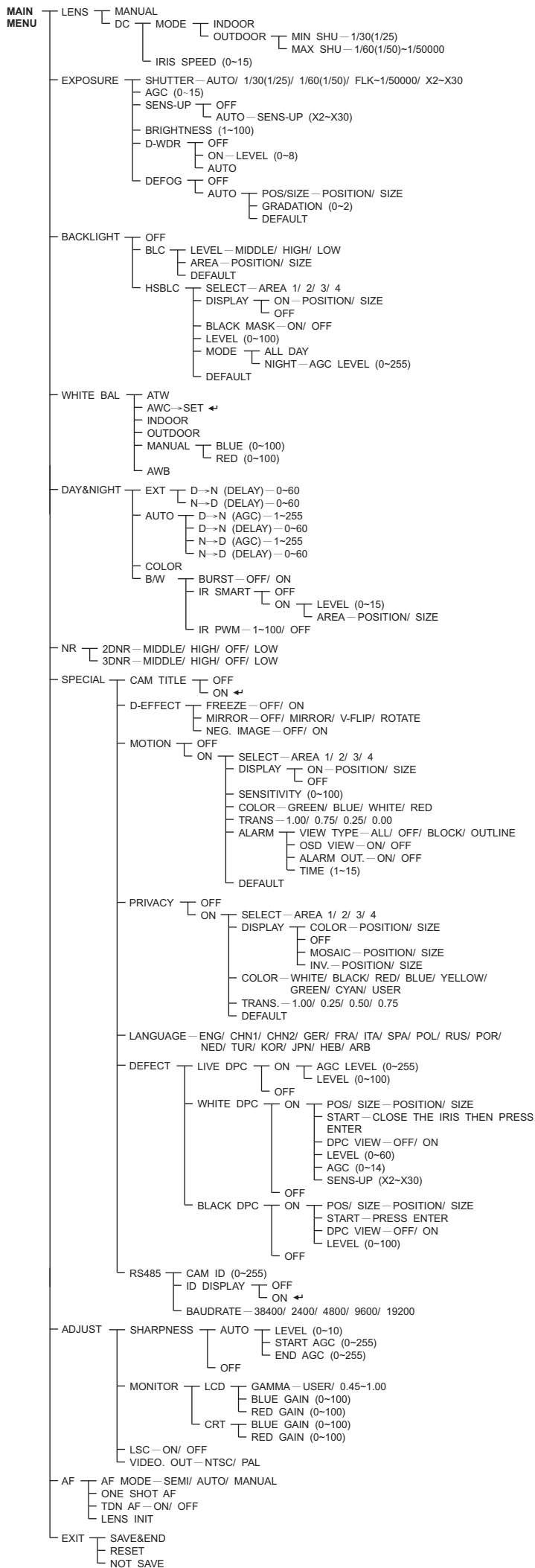
6. Connect to an Up-the-Coax (UTC) digital recorder that supports AHD-Coaxial protocol. Then use the 8-directional buttons (FIG.10) to adjust settings for the best images.



6-1. USER OSD SETTING

- A. $\uparrow$ (UP) : Press to move the cursor upwards or to select items.
- B. $\leftarrow$ (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. $\rightarrow$ (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. $\downarrow$ (DOWN) : Press to move the cursor downwards or to select items.
- E. SET : Executes selections and displays a submenu for an item with the $\leftarrow \rightarrow$ mark.

Menu Map



HIDDEN Menu

Enter "Main Menu" and enter "2. EXPOSURE." Press **→** three times, then press "SET" (in the center of the 8-directional button) to enter the "HIDDEN" menu. Now you can switch between AHD 1080p, AHD 720p, and CVBS.

HIDDEN

- MONITOR OUT—AHD/ CVBS
- OUTPUT_SIZE—1080P/ 720P
- ADC TEST—OFF/ ON
- AE TEST—OFF/ ON
- FIRMWARE

HIDDEN	
► 1. MONITOR OUT	AHD ←
2. OUTPUT_SIZE	1080P
3. ADC TEST	OFF
4. AE TEST	OFF
5. FIRMWARE	←
6. RETURN	RET ←

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.
 - 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. AF	←
10. EXIT	SAVE&END ←

Specifications

D/N 1080P AHD AF VR DOME IR CAMERA			
Model No.		AHD662AX2.8	
Lens	Focal Length		2.8 - 8mm
	Iris		F1.6
	Angle of View	H	95° ~ 47.2°
		V	68° ~ 35°
D		127° ~ 59°	
Power Input Voltage		DC12V ±10%	
System		NTSC or PAL	
Pick Up Element		1/2.9" CMOS Image Sensor	
Effective Pixels		1,984(H) x 1,105(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		1,920(H) x 1,080(V) @ 30/25fps	
Minimum Illumination		0.025Lux / F1.6, 0Lux (IR On)	
S/N Ratio		More than 55dB (AGC-Off)	
UTC		AHD-Coaxial protocol Supported	
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	
AF mode		SEMI / AUTO / MANUAL	
OSD Language		ENG / CHN1 / CHN2 / GER / FRA / ITA / SPA / POL / RUS / POR / NED / TUR / KOR / JPN / HEB / ARB	
Video Output		AHD1080P / 1280H	
Power Consumption		7.7W	
Operating Temperature		-40°C ~ +50°C (-40°F ~ 122°F)	
IP Rating		IP66	
Vandal Resistant Rating		IK10	
Infrared LED	Peak Wavelength		850nm
	Beam Spread		30°
	Radiant Distance		25M
Dimensions		φ 140(D) x 102mm(H)	
Weight		610g	

Design and specification are subject to change without notice.