

LILIN

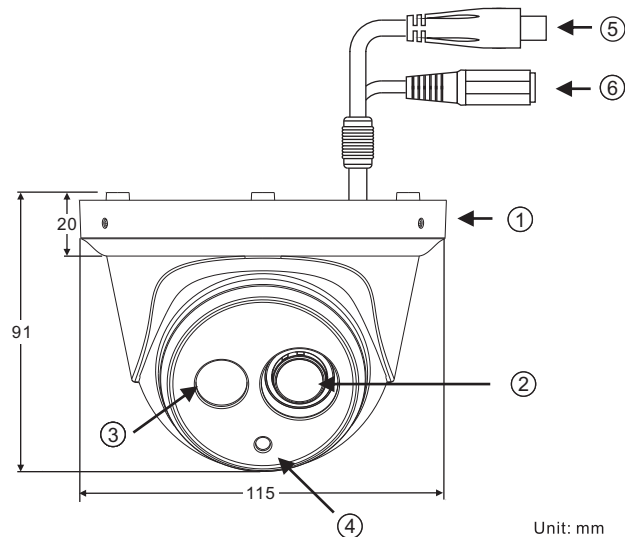
AHD AF DOME IR CAMERA

66-AHD652AFCSE-1



Instruction Manual

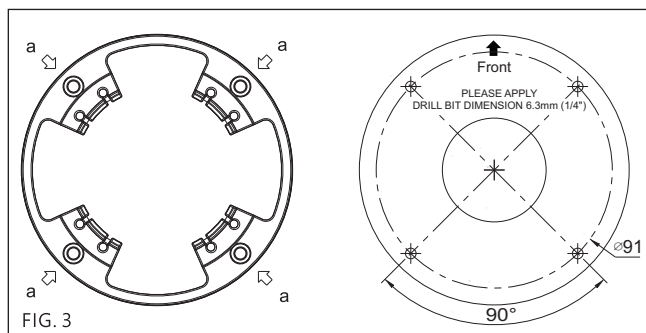
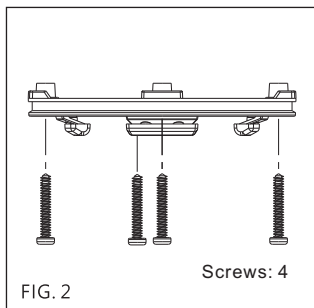
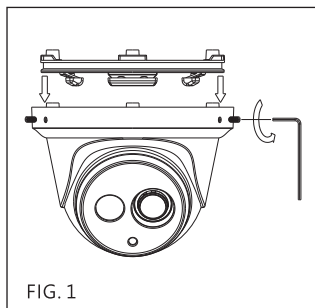
Part Description & Dimensions



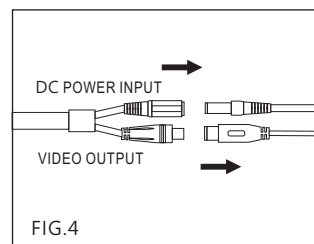
- ① UPPER COVER
- ② LENS
- ③ IR LED
- ④ LIGHT SENSOR
- ⑤ VIDEO OUTPUT JACK
- ⑥ DC POWER INPUT JACK (DC12V $\pm$ 10%)

Installation

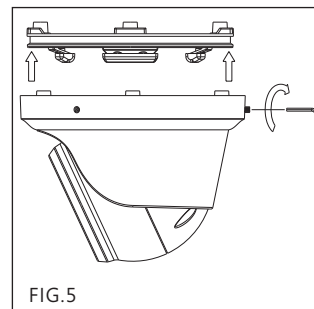
- Retrieve the camera and remove the bottom bracket from the upper cover with a hex key (FIG. 1).
Use the included screws (M4.0x25) through the holes marked as "a", and fix the camera in the desired location (FIG. 2 & 3).



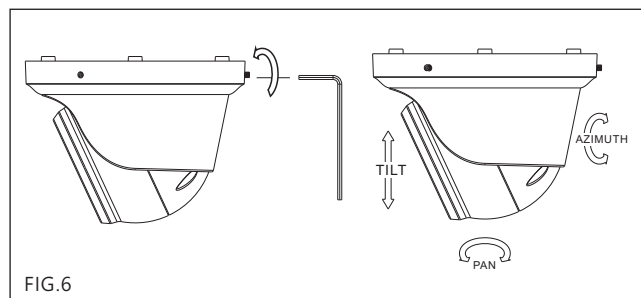
- Attach the power cable and video cable to the video output jack and DC power input jack, respectively (FIG. 4).



- Secure the upper cover to the bottom bracket with a hex key (FIG. 5).

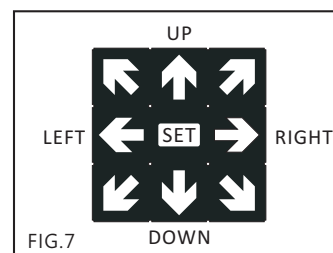


- Adjust the pan, tilt, and azimuth of the camera to the desired location (FIG. 6).
After the adjustment, tighten the screws to complete the installation.



- Make sure the light sensor is at the lowest side of the camera (FIG. 1).

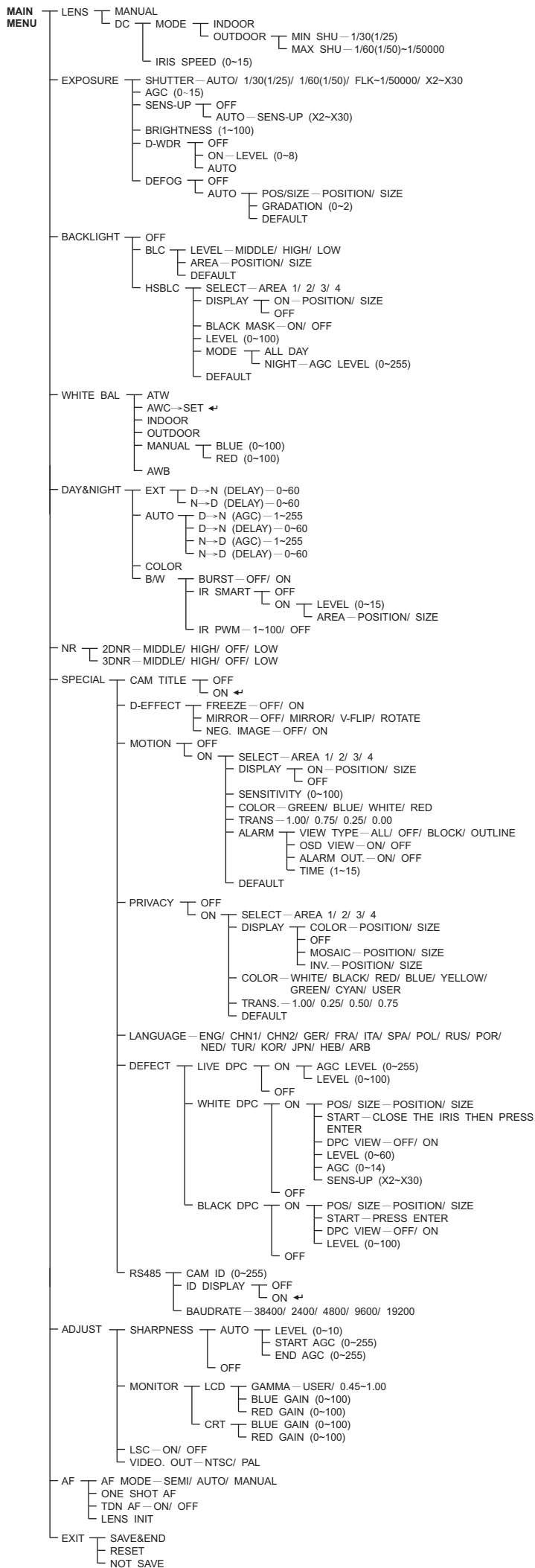
- Connect to an Up-the-Coax (UTC) digital recorder that supports AHD-Coaxial protocol. Then use the 8-directional buttons (FIG. 7) to adjust settings for the best images.



5-1. USER OSD SETTING

- 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.

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.		AHD652AX2.8	
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		8.4W	
Operating Temperature		-40°C ~ +50°C (-40°F ~ 122°F)	
IP Rating		IP66	
Vandal Resistant Rating		IK10	
Infrared LED	Peak Wavelength		850nm
	Beam Spread		48°(H) x 30°(V)
	Radiant Distance		25M
Dimensions		φ115(D) x 91mm(H)	
Weight		380g	

Design and specification are subject to change without notice.