

LILIN

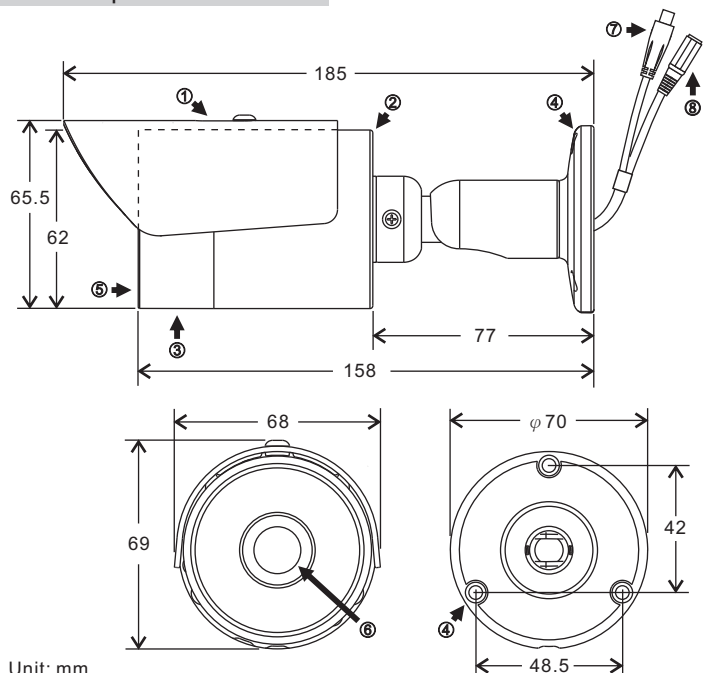
AHD IR CAMERA

66-AHD834ACSE-3



Instruction Manual

Part Description & Dimension

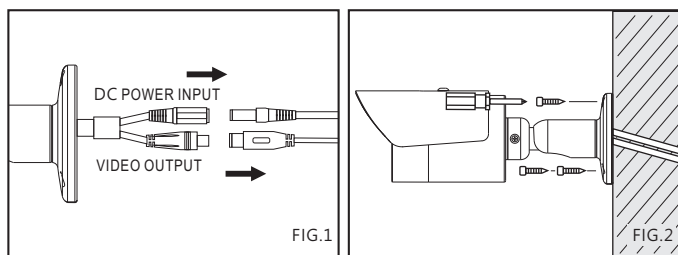


Unit: mm

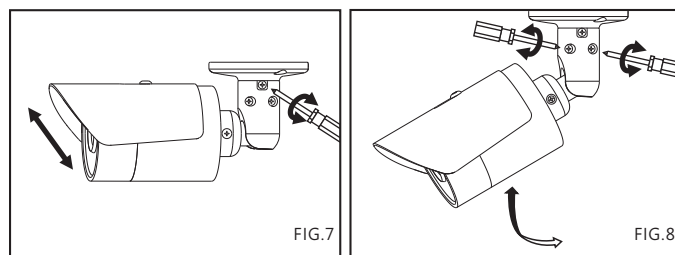
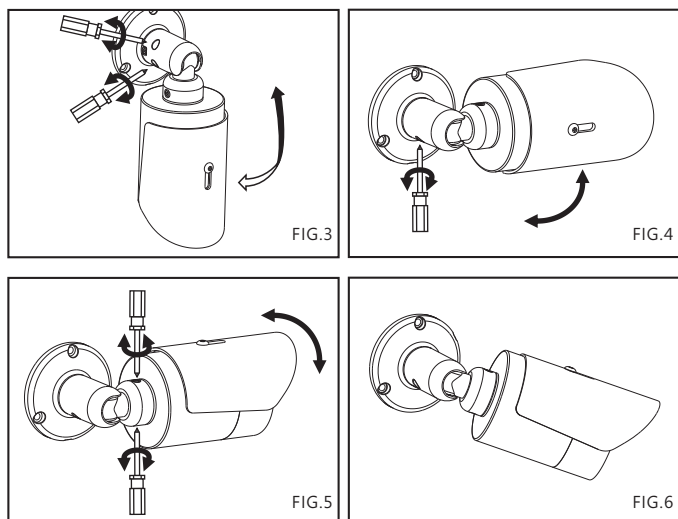
- ① SUN SHIELD
- ② MAIN BODY
- ③ FRONT COVER
- ④ BRACKET BASE
- ⑤ WINDOWS
- ⑥ LENS
- ⑦ VIDEO OUTPUT JACK
- ⑧ DC POWER INPUT JACK (DC12V ±10%)

Installation

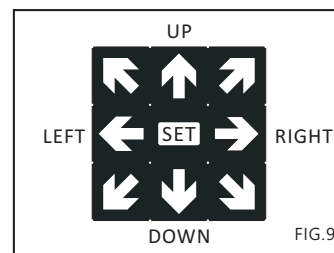
1. Remove the camera from the box first. Connect the power cable and video cable to the video output jack and DC power input jack (FIG. 1), and then secure the camera to the wall (FIG. 2).



2. Adjust the five adjustment screws to move the camera to the desired angle, and then tighten the adjustment screws (FIG. 3-FIG. 8).



3. Connect to an Up-the-Coax (UTC) digital recorder that supports AHD-Coaxial protocol. Then use the 8-directional buttons (FIG. 9) to adjust settings for the best images.



3-1. 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

MAIN MENU	EXPOSURE	SHUTTER—AUTO/ 1/30(1/25)/ 1/60(1/50)/ FLK—1/50000		
		AGC (0~15)		
	BRIGHTNESS (1~100)	D-WDR		
		OFF		
	D-WDR	ON—LEVEL (0~15)		
		AUTO		
	DAY&NIGHT	D&N EXT		
		D→N (DELAY)—0~60		
	D&N AUTO	N→D (DELAY)—0~60		
		D→N (AGC)—1~255		
	COLOR	D→N (DELAY)—0~60		
		N→D (AGC)—1~255		
	B/W	N→D (DELAY)—0~60		
		IR SMART		
	NR	ON		
		LEVEL (0~15)		
	SPECIAL	OFF		
		AREA—POSITION/ SIZE		
	DPC	LIVE DPC		
		ON		
	WHITE DPC	AGC LEVEL (0~255)		
		LEVEL (0~100)		
	LANGUAGE	OFF		
		POS/ SIZE—POSITION/ SIZE		
	LANGUAGE	START—CNT1023		
		DPC VIEW—OFF/ ON		
	LANGUAGE	LEVEL (0~60)		
		AGC (0~14)		
	LANGUAGE	OFF		
		LANGUAGE—ENG/ CHN1/ CHN2/ GER/ FRA/ ITA/ SPA/ POL/		
	LANGUAGE	RUS/ POR/ NED/ TUR/ JPN		
	ADJUST	SHARPNESS		
		AUTO		
	ADJUST	LEVEL (0~10)		
		START AGC (0~255)		
	ADJUST	END AGC (0~255)		
		OFF		
	MONITOR	GAMMA—USER/ 0.45~1.00		
		BLUE GAIN (0~100)		
	MONITOR	RED GAIN (0~100)		
		LSC—ON/ OFF		
	OUTPUT MODE	FORMAT—AHD/ CVBS		
		VIDEO. OUT—NTSC/ PAL		
	EXIT	NRT—OFF/ ON		
		SAVE&END		
	EXIT	RESET		
		NOT SAVE		

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. EXPOSUTE	◀	
2. DAY&NIGHT	EXIT	◀
3. NR	◀	
4. SPECIAL	◀	
5. ADJUST	◀	
6. EXIT	SAVE&END	◀

Specifications

D/N 4MP AHD IR CAMERA				
Model No.			AHD834A3.6	AHD834A6
Lens	Focal Length		3.6mm	6mm
	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			2,688(H) x 1,520(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			2,560(H) x 1,440(V) @ 30/25fps	
Minimum Illumination			0.2Lux / F1.8, 0Lux (IR On)	
S/N Ratio			More than 55dB (AGC-Off)	
UTC			AHD-Coaxial protocol Supported	
Auto Gain Control			AUTO (16 Steps)	
Shutter	Auto	1/30(1/25)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		
D-WDR			OFF / ON / AUTO	
Noise Reduction			2DNR	
Sharpness			AUTO / OFF	
LSC			ON / OFF	
Digital Effect			MIRROR / V-FLIP / ROTATE	
OSD Language			ENG / CHN1 / CHN2 / GER / FRA / ITA / SPA / POL / RUS / POR / NED / TUR / JPN	
Video Output			AHD 4MP / CVBS	
Power Consumption			4.3W	
Operating Temperature			-40°C ~ +50°C (-40°F ~ 122°F)	
IP Rating			IP66	
Window			φ 59 Heat Resistant Glass	
Infrared LED	Peak Wavelength		850nm	
	Beam Spread		30°	
	Radiant Distance		20M	
Dimensions			68mm(W) x 69mm(H) x 185mm(D)	
Weight			410g	

Design and specification are subject to change without notice.