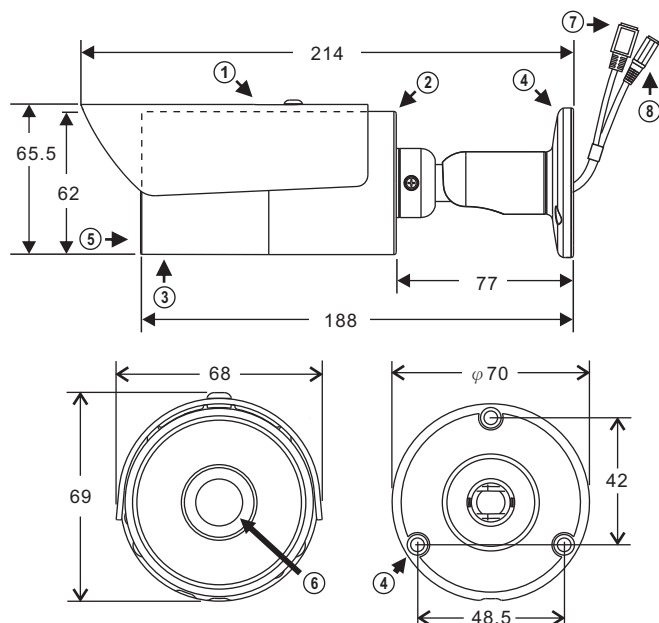




Instruction Manual

Part Description & Dimension

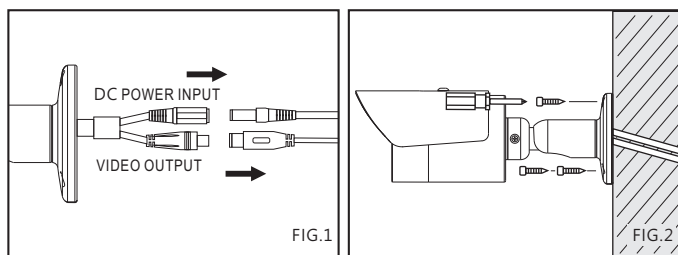


Unit: mm

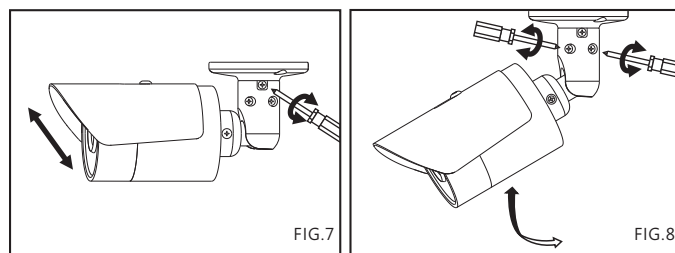
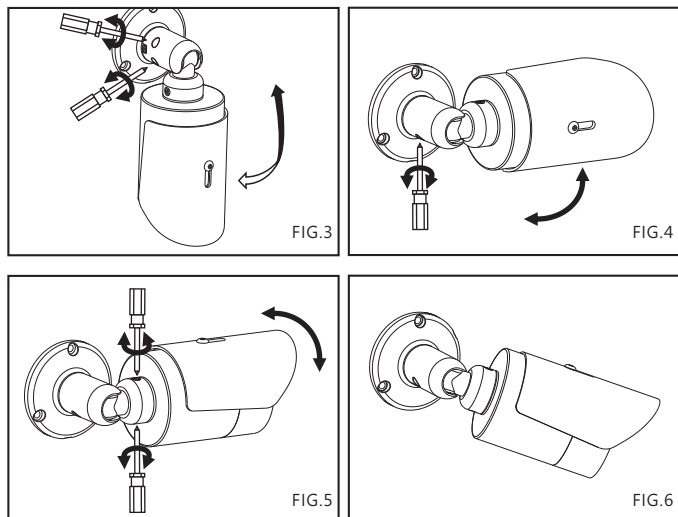
- | | |
|----------------|---|
| ① SUN SHIELD | ⑤ WINDOWS |
| ② MAIN BODY | ⑥ LENS |
| ③ FRONT COVER | ⑦ VIDEO OUTPUT JACK |
| ④ BRACKET BASE | ⑧ DC POWER INPUT JACK (DC12V $\pm$ 10%) |

Installation

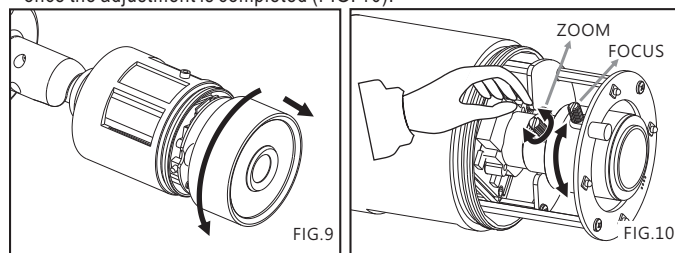
1. Remove the camera from the box first. Connect the video cable and power cable to the video output jack and DC power input jack, respectively (FIG.1), and then secure the camera to the wall (FIG.2).



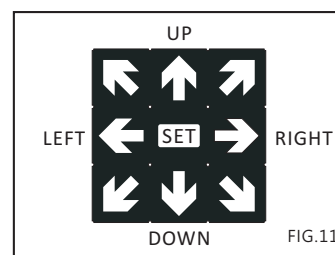
2. Adjust the five adjustment screws to move the camera to the desired angle, and then tighten the adjustment screws (FIG. 3-FIG.8).



3. Rotate and remove the front cover counterclockwise (FIG.9). Then rotate the focus and zoom knobs for optimal video images. Remember to tighten the screws once the adjustment is completed (FIG. 10).



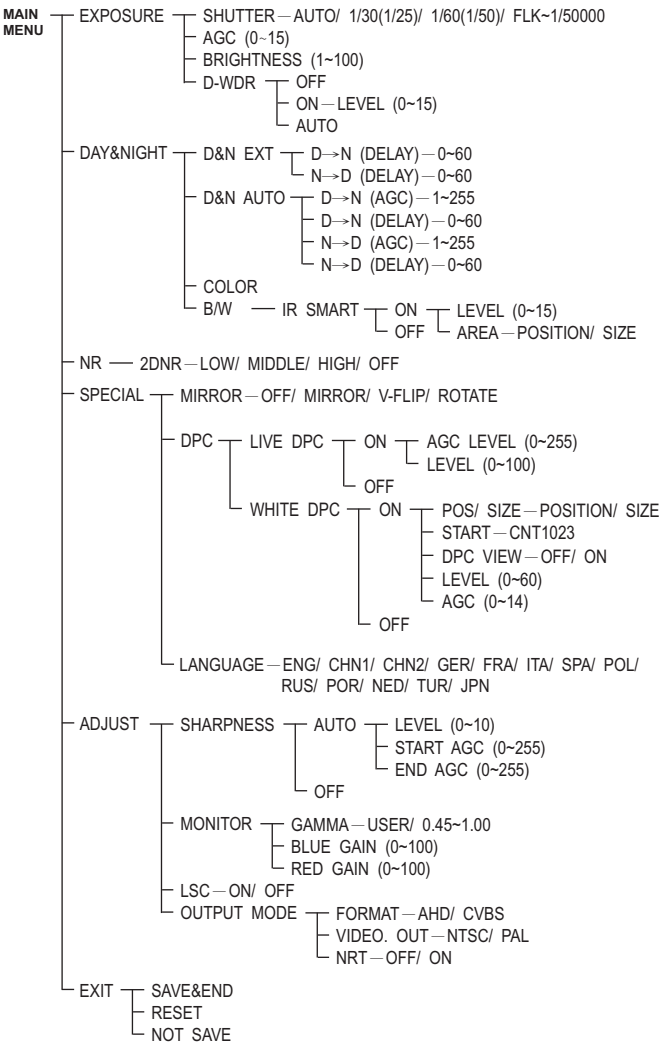
4. Connect to an Up-the-Coax (UTC) digital recorder that supports AHD-Coaxial protocol. Then use the 8-directional buttons (FIG. 11) to adjust settings for the best images.



4-1. 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



Specifications

D/N 4MP AHD VARI-FOCAL IR CAMERA			
Model No.		AHD844AX4.2	
Lens	Focal Length		2.8 ~ 12mm
	Iris		F1.4
	Angle of View	H	91° ~ 28°
		V	67.5° ~21.2°
		D	120.8° ~ 36°
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		0.15Lux / F1.4, 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		6.8W	
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 214mm(D)	
Weight		470g	

Design and specifications are subject to change without notice.

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 | ◀ |