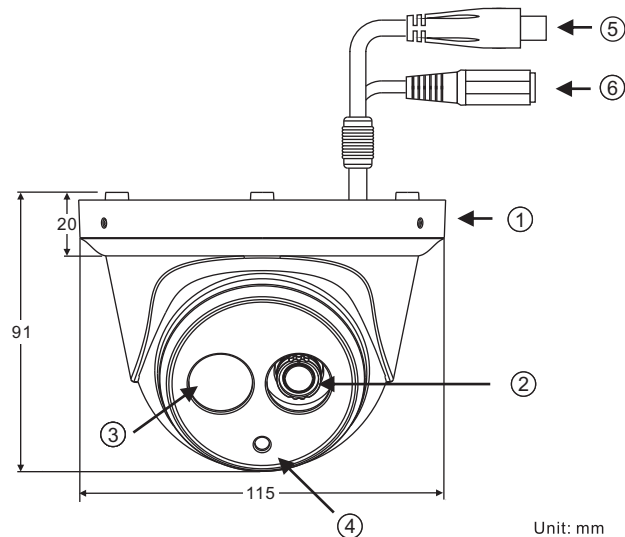




Instruction Manual

Part Description & Dimensions



Unit: mm

- 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).

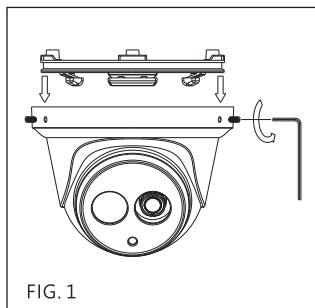


FIG. 1

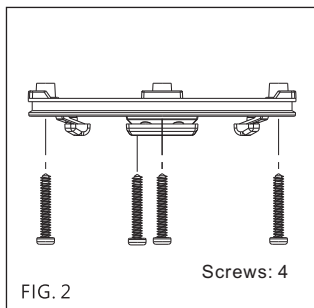


FIG. 2

Screws: 4

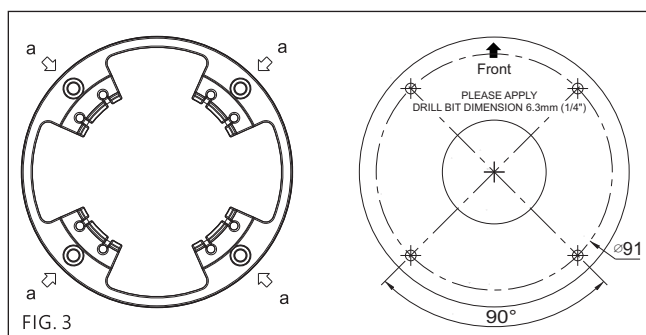


FIG. 3

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

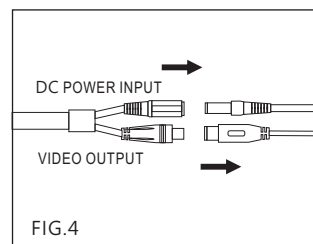


FIG. 4

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

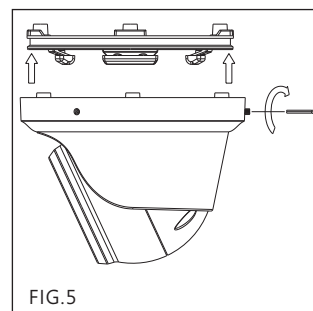


FIG. 5

- 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.

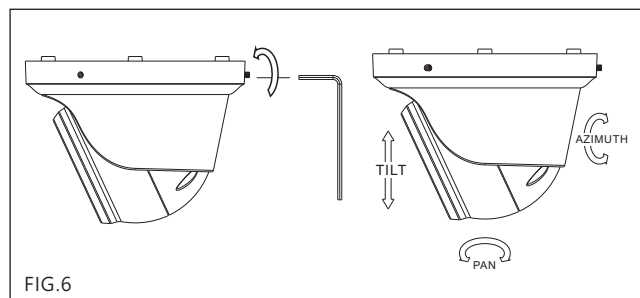


FIG. 6

- 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.

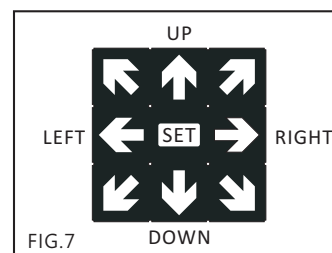
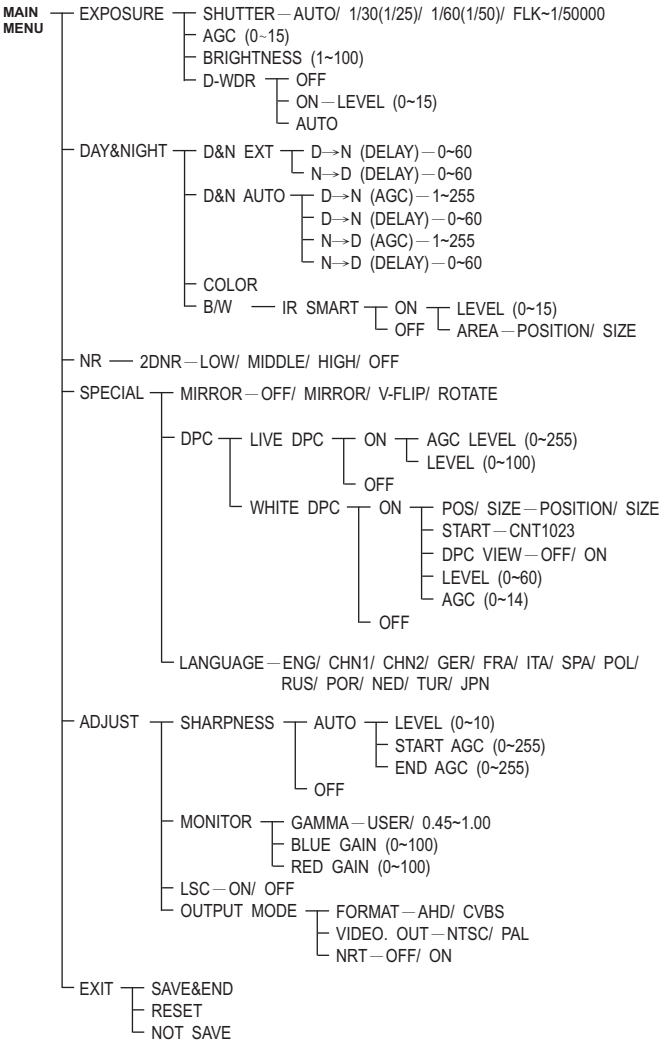


FIG. 7

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



Specifications

D/N 4MP AHD VR DOME IR CAMERA						
Model No.		AHD654A3.6		AHD654A6		
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		5W				
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		20M			
Dimensions		φ 115(D) x 91mm(H)				
Weight		370g				

Design and specification are subject to change without notice.

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