



4 In 1 Camera User Manual

1、 Introduction:

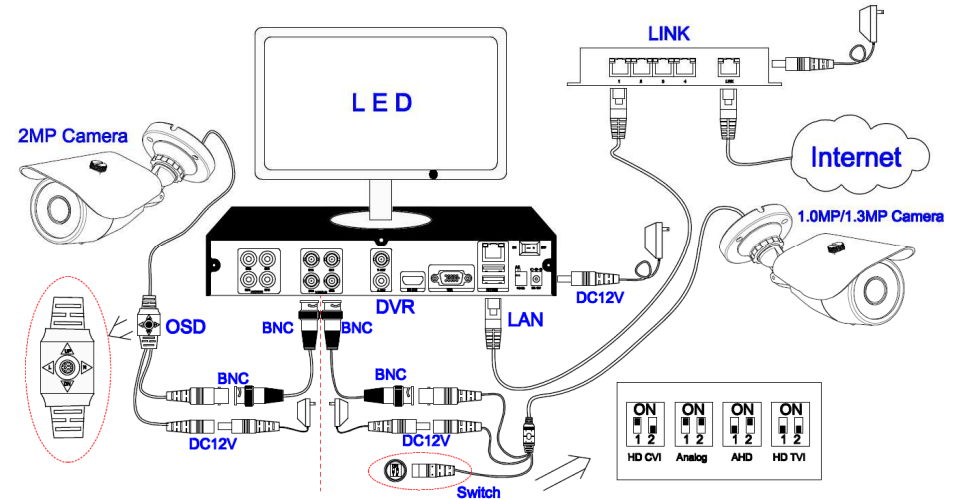
4 in 1 camera is a new generation product which combine the current mainstream AHD/CVI/TVI/CVBS these four kinds of coaxial video signal with one .It can operate manually,switch any one of the four coaxial video signal,using with the corresponding DVR,better compatibility,perfect to enhance the customer's experience.

2、 Warning & Attention:

- (1) . Please don't open camera , it's with danger of electronic shock.
- (2) . Don't touch Sensor or lens.
- (3) . Make camera away from violent attack.
- (4) . Don't use any unidentified power supply.
- (5) . Make camera lens away from strong light.
- (6) . Avoid installation in unstable places (shake, wet,high temperature,Cold, etc).
- (7) . Avoid operation out of the following conditions,temperature:
-20℃ ~ +50℃, RH85% Max.

	WARNING	
Please don't open camera, it's with danger of electronic shock.		
Attention:		
To reduce the danger of electronic shock, please don't open the case (or back cover) of camera; everything is on the surface of camera for user operation, please seek help from qualified professionals for repair.		

3、 Installation:

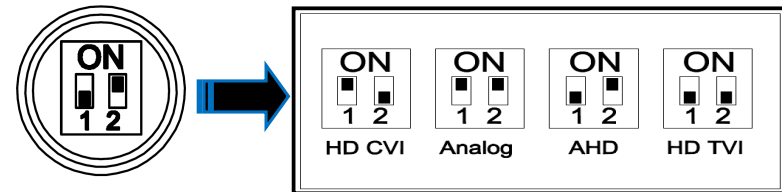


4、 Operation guide:

AHD/CVBS/TVI/CVI Video Signal Switch

★ 1.0MP/1.3MP Camera using the ON-OFF switch wire

Switch wire can not be switched PAL/NTSC,but can switch four kinds of video output signal,the operation mode is as follows;



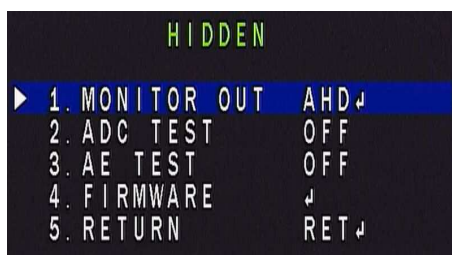
Remarks:no requirements specified,the output standard video signal is AHD.

★ 2.0MP Camera using the OSD wire

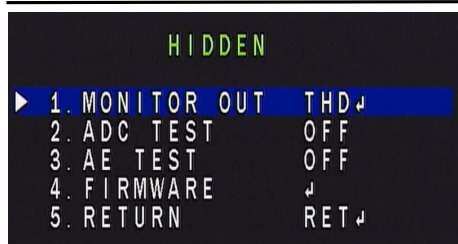
- (1) PAL/NTSC: press down button of OSD cable for 5 seconds, the system will be switched from PAL to NTSC (the default is PAL), Re-press the down button for 5 seconds again, the system will be changed from NTSC to PAL.
- (2) Press left button for 5 seconds, the video output will be switched from AHD to CVBS(the default output is AHD)
- (3) CVBS/AHD: press right button for 5 seconds, the video output will be switched from CVBS to AHD.
- (4) **4-in-1 Switch: default is AHD 1080P, Choose OSD menu-Exposure (Right button for 3 times)-Enter; go into factory debug mode, Switch to other signal freely.**



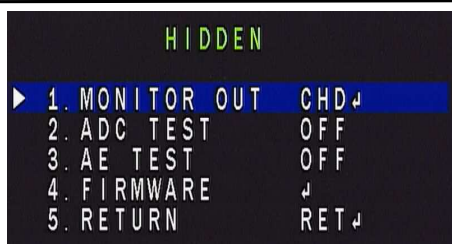
Pic 1:factory debug mode



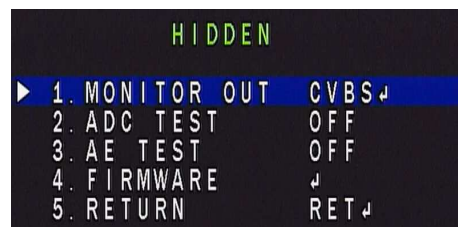
Pic 2:Default output AHD output



Pic 3:Default output TVI output



Pic 4:Default output CVI output



Pic 5:Default output CVBS output



Pic 6:Choose to apply

5、Specifications:

Image Sensor	1/4"cmos sensor	1/3"cmos sensor
Effective pixels	Approx. 1.0M pixels	Approx. 1.3M pixels
Image System	PAL/NTSC (customized)	
Resolution	1280 (H) × 720 (V)	1280 (H) × 960 (V)
Video out	AHD/CVI/TVI720P&960H	AHD/CVI/TVI960P&960H
Day-night mode	EXT (Default)	
S/N Ratio	≥69dB	≥44dB
Min. illumination	0.01LUX	
AES	AUTO/1/50 (1/60) -1/50, 000sec	
Advanced Function	2D_DNR	
AWB/BLC	AUTO	
Video space	1H≈900MB (3.6mm lens)	1H≈1.0GB (3.6mm lens)
Working	-20℃--50℃; Humidity 95%	
Power supply	DC12V ± 15%	

Image Sensor	1/3" cmos sensor	1/2.7" cmos sensor
Effective pixels	Approx. 2.0M pixels	Approx. 2.47M pixels
Image System	PAL/NTSC (switched by OSD)	
Resolution	1928 (H) × 1088 (V)	1956 (H) × 1266 (V)
Video out	AHD/CVI/TVI1080P&960H	
Day-night mode	EXT (Default) /Auto/Color/White&Black (seitched by OSD)	
S/N Ratio	≥41dB	
Min. illumination	0.01UX	
AES	AUTO/1/50 (1/60) -1/50, 000sec	
Advanced Function	2D_DNR & 3D_DNR	
AWB/BLC	AUTO	
OSD language (12)	English/German/French/Italian/Spanish/Polish/Russian/Portuguese/Dutch/Turkish/Simplified Chinese/Traditional Chinese	
Video space	1H≈1.25GB (3.6mm lens)	1H≈1.32GB (3.6mm lens)
Working	-20℃--50℃; Humidity 95%	
Power supply	DC12V ± 15%	