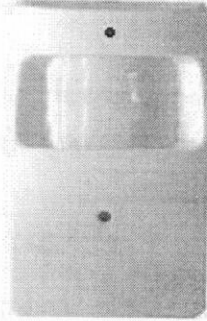


# High Definition Interface Camera

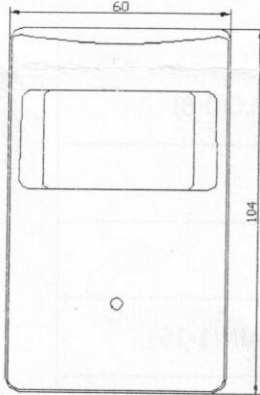
Model No: AC2778



## Features:

- ◆ High Definition Interface (Progressive Scan)
- ◆ 1/3" analog color image sensor
- ◆ Black sun spot cancellation
- ◆ Super long range coax transmission, convenience for users
- ◆ Very stable and extremely long working life
- ◆ Separate OSD ( Separate OSD Cable- RCA-Male optional)
- ◆ Available for AHD; CVI; TVI and CVBS output format
- ◆ Audio output

## Dimensions: Unit (mm)



## Specification:

Image Sensor	1/3" CMOS Color Image Sensor
Number of effective pixels	1936(H)×1096(V); Approx. 2.0MP
Video Output Format	1080P for TVI and CVBS; 30fps for NTSC; 25fps for PAL
Sensitivity (F5.6) (Typ.)	1 Lux
Lens	3.7mm
Electronic Shutter	1/50(1/60)s to 1/100,000s.
Power Supply	12VDC
Power Consumption	200mA/12VDC
Storage Temperature	-40 to + 60 Degree C
Operating Temperature	-10 to + 50 Degree C

\*Specifications are subject to change without notice.

## How to Change the output format to AHD, CVI, CVBS or TVI

Step1	Please <b>TURN ON</b> the power	
Step2	AHD Mode:	<b>Up</b> Button for 5 seconds
	CVBS Mode:	<b>Right</b> Button for 5 seconds Note that change to CVBS mode the picture will appear on the screen more slowly than others because the DSP must do more work when refreshing. Please release the button when power on and wait the picture, a long press will enter the engineering menu, do not haphazard operation it, it will cause the program insanity, if enter the menu accidentally, please turn off the power and try change the mode again.
	CVI Mode:	<b>Down</b> Button for 5 seconds
	TVI Mode:	<b>Left</b> Button for 5 seconds

## Troubleshooting a no image problem

There are 8 output mode on this camera, If you cannot got an Image on the monitor, or the image is abnormal, most probably the power system or output format is not the same.	
Step1	Please change the output format to CVBS mode, and connect camera to TV monitor directly, use the set button to enter the menu and check if you using PAL or NTSC format.
Step2	Make sure that both your DVR and Camera is set to the same TV system. If this does not solve the problem, please go to next step.
Step3	Confirm the output video signal matches the DVR. If this does not solve the problem, please go to next step.
Step4	Please press button" <b>SET, UP, RIGHT, SET, DOWN, DOWN, SET, UP, UP, UP, LEFT, SET"</b> This step will change the TV system to NTSC or PAL by compulsory.

**OSD Functions:**

**SETTING UP THE CAMERA:**

■(SET) Button: Displays the menu on the screen. Press the button for 2 seconds to confirm status or after changing a selected item.

UP and DOWN Button: Used to move the cursor up or down in the menu screen to select a desired menu item.

L(LEFT) and R(RIGHT) Button: Used to move the cursor left or right in the menu screen or to change the value of the selected item.

Note: All item with the ↵, you can move to sub menu pressing SET button.

Function menu Structure		Preset Parameter				Setting
		AHD	CVI	TVI	CVBS	
	BRIGHTNESS	8	8	8	8	BRIGHTNESS (1-20)
AE	EXPOSURE MODE	GLOBE	GLOBE	GLOBE	GLOBE	GLOBE/CENTER/FLC/BLC(0-8)
	GAIN	8	8	8	8	INTERVAL (1-8)
WB	MODE	ATW	ATW	ATW	ATW	ATW
						MWB RGAIN(1-16)BGAIN(1-16)
DAY/NIGHT	MODE	EXT	EXT	EXT	EXT	EXT/AUTO/COLOR/(B/W)
VIDEO SETTING	CONTRAST	3	3	3	3	INTERVAL (1-10)
	SHARPNESS	4	4	4	4	INTERVAL (1-20)
	COLOR GAIN	9	9	9	9	INTERVAL (1-20)
	NDR	3	3	3	3	INTERVAL (1-15)
	FORMAT	PAL	PAL	PAL	PAL	PAL/NTSC
	WDR	OFF	OFF	OFF	OFF	OFF/ON
LANGUAGE		ENGLISH	ENGLISH	ENGLISH	ENGLISH	ENGLISH/CHINESE/PYCKNN/España/
RESET		ENTER	ENTER	ENTER	ENTER	ENTER TO RESTOER FACTORY
SAVE-EXIT		ENTER	ENTER	ENTER	ENTER	ENTER TO RESTOER FACTORY