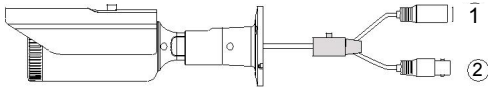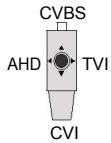# 1080P HD-TVI/CVI/AHD/CVBS

4 in 1 Professional IR motorized lens Camera

① POWER INPUT
② VIDEO OUTPUT

（ Default Video output Refer t o the Camera Label ）

Video Output Switching Method:
1）TVI：press the OSD Cable controller to RIGHT Direction for 5s, then loose it;
2）CVI：press the OSD Cable controller to DOW N Direction for 5s, t hen loose it;
3）AHD：press the OSD Cable controller to Right Direction for 5s, t hen loose it;
4）CVBS：press the OSD Cable controller to Right Direction for 5s, then loose it.

READ THIS MANUAL CAREFULLY BEFORE INSTALLING AND OPERATING THIS PRODUCT

CAUTIONS:

1. Please don't touch the sensor and lens with your hand.
2. Please don't install the camera in following unstable conditions: shake, extremely hot, extremely cold etc.
3. The recommended conditions of the installation are temperature from -10 to 50℃and moisture under 85%.
4. Please kindly contact your sales person in case you have any question on assembly or installation.

Features & Attachment:

1. Features:
   * 1/2.7" Sensor
   * Video Output: HD 1080P@30fps / 25fps
   * 6~22mm 2MP Motorized Lens
   * High-Quality IR Cut Filter
   * IR Distance: 40m-60m
     (Exact IR Distance, Please Refer to the Camera Label)
   * Weather Proof :IP66
   * Support UTC Function
2. Attachment:
   * One User Manual
   * Tools & Installation Screws

Assembly & Installation

1. Firstly, find a suitable position to install the camera.
2. Fixed the camera on the bottom bracket.
3. Input the power to the power connector① indicated in the diagram. (Check the input voltage according to the camera label)
4. Connect the video output connector② indicated in the diagram to the corresponding DVRs or other video equipments.
5. Adjust the camera level until you can get a good image of the target by adjusting the camera bracket.

Note:Mark ①,②,please refer to the diagram in this manual.

OSD Menu Function Introduction

MAIN MENU:

```
                    MAIN MENU
        1.AE                          ⌐
        2.WB                          ⌐
        3.DAY_NIGHT                   ⌐
        4.VIDEO SETTING               ⌐
        5.LANGUAGE            ENGLISH
        6.RESET                       ⌐
        7.SAVE_EXIT                   ⌐
        8.EXIT
```

MENU ADJUSTMENT:

Press Menu Button to enter main menu, and then main menu options will display on the screen. Use the UP/DOWN Button to move cursor to different menu options, and use the LEFT or RIGHT Button to set or adjust the menu parameter. Please press Menu Button to EXIT after finishing adjustment.

SUBMENU OPTION:

Some menu options have its submenus ,if the right side of menu option display ⌐ ,please press Menu Button to enter submenu for parameter settings.

MAIN MENU OPTIONS FUNCTIONS

1. AE
Auto Exposure settings
●SUBMENU OF AUTO EXPOSURE:
 1) BRIGHTNESS: brightness settings. It is adjustable from 1-20.
 2) Exposure Mode ： Exposure mode settings, support GLOBE/BLC Mode,LBC Mode is adjustable from 1-20.
 3)RETURN: return to upper menu.

2. WB

White Balance settings. Support ATW/MWB,MWB is adjustable:RGAIN:1-16,BGAIN:1-16 .

3. DAY&NIGHT

IR/interial auto/color/ B/W modes.

4. VIDEO SETTING

●SUBMENU OF VIDEO SETTING:
1)CONTRAST:It is adjustable from 1-10.
2) SHARPNESS: Camera video sharpness settings,It is adjustable from1-20.
3) Saturation:It is adjustable from 1-20.
4) DNR:It is adjustable from 1-15.
5) FORMAT:PAL/NTSC.
6) DWDR: ON/OFF.
7) RETURN: return to upper menu.

5. LANGUAGE:
OSD menu language settings. Support ENGLISH /CHINESE.
Chinese Traditional/Italian/Spanish

6. RESET:
Choose this option to reset camera settings to factory default settings.

7. SAVE_ EXIT:
Save the adjusted settings and exit the OSD menu.

8. EXIT:
Exit the OSD Menu.

SPECIFICATIONS

Solution	1/2.7'' Mega Pixel Sensor
Signal System	PAL/NTSC
Sync. System	Internal Sync.
Effective Pixels	2.0 Mega Pixels
Sensing Area	5.832mmX3.288mm
Horizontal Resolution	PAL:1920X1080P 25F/S NTSC:1920X1080P 30F/S
OSD Menu	Support
Video Output	HD-TVI/CVI/AHD/CVBS Output
White Balance	Auto White Balance
Infrared Lamps	Night/Day ON/OFF
Mimimum Illumination	0 Lux(Infrared Lamps Turn on)
IR Radiation Distance	40m-60m
Built-in Lens	6~22mm 2MP Motorized Lens
Working Temperature	-10℃~50℃
Storage Temperature	-20℃~60℃
Power Requirement	DC12V/AC24V dual voltage input Max power consumption less than 12W (when the infrared lamps turn on)

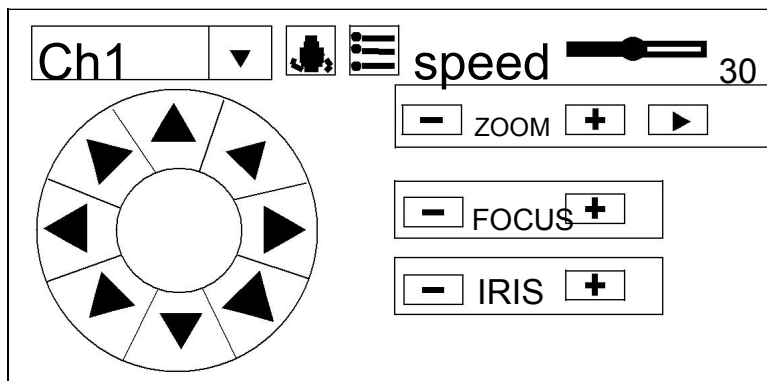The content of this manual is subject to change without notice.

UTC Function Simplified Operation Guidance

Protocol Configuration:

click Left button of mouse to click the 【PTZ】 then click → 【**IRIS**+】 to adjusted the menu of the cameraSettings】

【PTZ Control】 Interface:

After finishing the protocol configuration, select the selected channel ,then enter the PTZ configuration interface.

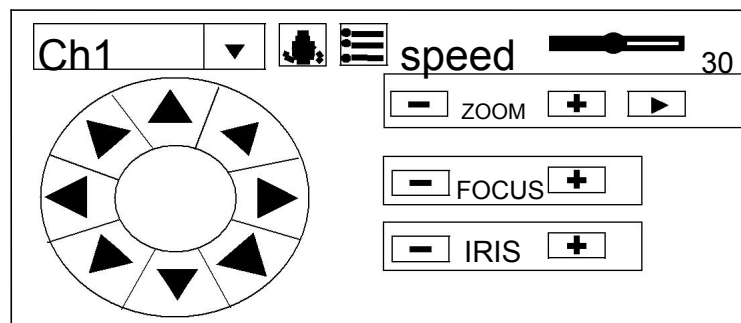## 【PTZ Control】 Interface Function Key Introduction:

In PTZ configuration interface, click 【IRIS】 to trigger the Camera OSD menu, also【Menu】button used as setting confirm button.

【↑】&【↓】 "Up" and "Down", for switching current selected menu option;

【←】&【→】 For adjusting menu options or changing option's values in the OSD menu.

Note：For more UTC operation guidance, please refer to DVR user manual.

Auto-focus Motorized Lens HD Camera Simplified Operation Guidance

【Zoom -】Left mouse keeps pressing this button, lens keeps zoom out ; Loose pressing, lens stop zoom out.

【Zoom+】Left mouse keeps pressing this button, lens keeps zoom in; Loose pressing, lens stop zoom in. Left mouse click 【Zoom -】,to manual adjust Focus OUT.

Left mouse click 【Zoom+】,manual adjust Focus IN.