

Features

1、 New Generation SONY CCD

This camera adopts latest generation of Sony Super-HAD II CCD, sensitivity is enhanced significantly. Even under low illumination levels camera provides usable images compared to earlier version of Super-HAD CCD.

2、 18X / 26X Optical-Zoom auto focus

5mm~90mm / 3.2~83.2mm

3、 Day & Night Switch

Day & Night switches IR-CUT Filter automatically between Colour or B/W based on illumination level.

4、 OSD/Cable Control/RS-485

Control the camera through OSD or RS485. The lens can be connected and controlled by external DC cable.

5、 Power and memory recovery

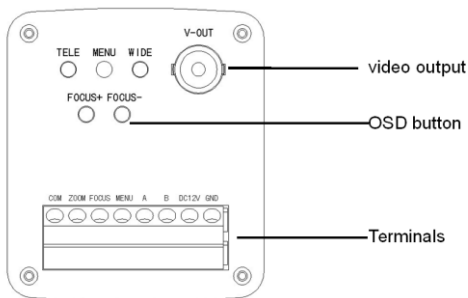
Re-power on the camera when the lens zoom position can be set back to the original position, eliminating the need for the user to reset the trouble.

6、 Auto focus quickly and accurately

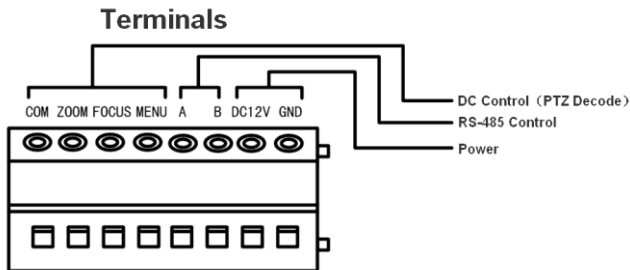
Auto-focus from 50cm to infinity.

Interface Function

Interface Function

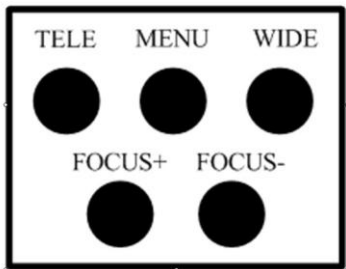


Interface Function



Interface Function Description

OSD button



MENU	Press the menu and proceed to the sub menu
TELE WIDE	Up /Down Button; <TELE>is the up button , <WIDE>is the down button; In camera, it is also the focus button: TELE for focus near and WIDE for focus far.
FOCUS+ FOCUS -	Focus button on the Camera. FOCUS+: Focus near. FOCUS- :Focus far;

OSD

Press 'MENU' button to enter main menu interface, the screen as following:



SETUP MENL	
→LANGUAGE	ENG
CAMERA ID	000
IRIS	AUTO
BLC	OFF
AGC	MAX
IMAGE SET	↻
DAY&NIGHT	AUTO
FOCUS	AUTO
BAUD RATE	2400
EXIT	

Camera ID

To distinguish from different cameras, camera address is the only corresponding number for control. Set the camera's address, ranging from 0 to 255.

IRIS

Two options: auto (1 to 20) and manual.

Auto Mode recommend when the light is unstable and changing constantly

BLC (Back Light Compensation)

With On/Off options, this function is to adjust and balance the whole image while there is different light intensity with light and shade contrast strongly. Default: Off.

AGC (Auto Gain Control)

This function not only increases the brightness of camera images, but also increases the image noise. Users can adjust according to actual situation, with 'Low/Middle/High' options.

Remarks: Normally, AGC function needs to be on.

Image Setup

Press "TELE", "WIDE" on the main menu. Put the cursor to IMAGE SETUP. Press MENU to enter the sub menu for image setup and corresponding functions, as below.

IMAGE SETUP	
→BRIGHTNESS	17
SHARPNESS	06
MIRROR	OFF
ZOOM DISPLAY	ON
PRIVACY1	OFF
PRIVACY2	OFF
PRIVACY3	OFF
PRIVACY4	OFF
RETURN	

(1) Brightness:

User can adjust image brightness from 0 to 50 as required. The default value is 17.

(2) Sharpness:

Sharpness value is from 0 to 15, default 6. This function could increase the image resolution, but will cause zigzag lines around the outline in case of over adjustment. Please be careful of adjustment.

(3) Mirror

With On/Off options

(4) Zoom Display

The screen will display the current zoom on the left corner if it is on; does not show if it is off (on by default).

(5) Privacy

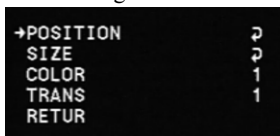
Press “TELE”、 “WIDE” on the main menu. Put the cursor to Privacy Setup.

Press FOCUS+、 FOCUS –for privacy setup, as below



IMAGE SETUP	
BRIGHTNESS	17
SHARPNESS	06
MIRROR	OFF
ZOOM DISPLAY	ON
→PRIVACY1	ON
PRIVACY2	OFF
PRIVACY3	OFF
PRIVACY4	OFF
RETURN	

Upon turning on ‘PRIVACY’, press ‘MENU’ to enter privacy submenus, as following:



→POSITION	2
SIZE	2
COLOR	1
TRANS	1
RETUR	

In above menu, users can set the privacy zone position, size, color and transparency.

Day / Night Switch

Day / Night Switch are specially designed for different occasions.

There are three *kinds* of modes: Auto, Color and B/W. The user

can set different modes according to the surroundings.

Focus

(a) > Auto: auto focus

(b) > Auto Zoom: the camera will automatically focus after zooming. Upon the image is clear, it will not re-focus. Users can also press FOCUS+/FOCUS –to reach focus.

(C) >Manual: Users can press FOCUS+ or FOCUS –to reach focus.

AutoCam960H

Imaging Sensor	1/3" SONY SUPER HAD CCD - Effio 960H
Syn. System	PAL 50Hz Internal Synchronization
Horizontal resolution	650+ HTVL-E
Minimum Illumination	0.1Lux/F1.2
Video Output	1.0Vp-p 75ohm VBS
S/N Ratio	50 + dB measured with AGC Off
Focus	5mm~90mm
Zoom	Optical Zoom x18
Focus Control	Auto / Manual /Auto Zoom

Iris Control	Auto/Manual 1-20 adjustable
Backlight compensation	ON/OFF
AGC	Low、 Middle、 High
Control	OSD/ cable control /RS-485
Control Protocol	PELCO-D
BPS baud rate	2400~9600
Power Supply, Power Consumption	DC12V, Less than 6W
Operating Temperature	-10℃~+50℃
Operating Humidity	10%~80%
Size	62.5×77.6×125.9 mm

AutoCam26X

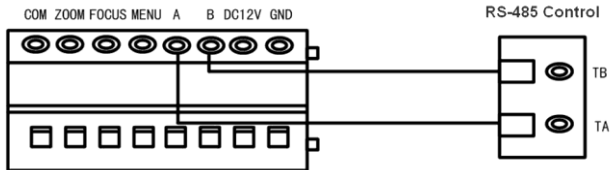
Imaging Sensor	1/4" SONY SUPER HAD CCD
Syn. System	PAL 50Hz Internal Synchronization
Horizontal resolution	720 + H-Pixels
Minimum Illumination	0.1Lux/F1.2
Video output	1.0Vp-p 75ohm VBS
S/N Ratio	50 + dB measured with AGC Off
Focus	3.2mm~83.2mm
Zoom	Optical Zoom x 26
Focus Control	Auto/Manual/Auto Zoom
Iris Control	Auto/Manual 1-20 Adjustable
Backlight compensation	ON/OFF

AGC	Low、Middle、 High
Control	OSD/cable control/RS-485
Control Protocol	PELCO-D
BPS baud rate	2400~9600
Power Supply, Power Consumption	DC12V, Less than 6W
Operating Temperature	-10°C~+50°C
Operating Humidity	10%~80%
Size	62.5×77.6×125.9mm

Connection

RS-485

Protocol PELCO-D, Baud Rate 2400-9600, Address 0-255 optional.
Connect as below:



Note: 95 preset tone keyboards bring up the menu. ZOMM + / ZOMM-you can move the cursor up and down. FOCUS + / FOCUS-can change the cursor to the corresponding function parameter. When the cursor moves to the exit, transferring 95 preset points can exit the menu.