

SPECIFICATIONS

JHD-HU60IR	
Signal Format	NTSC/PAL
Image Sensor	1/2.7" INCH CMOS SENSOR
Effective Pixels	1930(H) x 1088(V) = 2.09M (Pixel)
Scanning System	Progressive Scan
Video Output	HD-SDI : 1920 x1080p(1080p/25,30fps)
Min. Illumination	Color : 1.0 lux, BW : 0.5lux
FRAME RATE	1080P - 25FPS / 30FPS
S/N Ratio	More than 48dB (AGC off)
Backlight Compensation	ON / OFF
White Balance	AUTO / INDOOR / OUTDOOR / USER
2D	OFF / LOW / MIDDLE / HIGH
Day & Night	AUTO_Cds / COLOR / B&W (ICR)
Motion Detection	ON / OFF
Privacy Masking	ON(2 Point) / OFF
Lens	Fixed Lens 6.0mm
Resolution	HD-SDI : 1920 x1080p(1080p/25,30fps)
SHUTTER	AUTO / MANUAL (1/30(25)~1/6000)
AGC	ON / OFF (1 ~ 5)
MIRROR	OFF / H / V / HV
Video Output (HD-SDI)	Connector
Power Supply	DC 12V ±10%
Operating Temperature	-45°C ~ +50°C
Dimension	85.0(W) x 118.5(H) x 215.2(D)mm
Weight	Approx. 555g (W/ Sunshield & Bracket)

* In accordance with customers' request and OSD controller's option, the specifications can be fixed or changed without notice.

OSD MENU

FUNCTION		OPTION		DESCRIPTION	
1	VIDEO OUT	FRAME RATE	30fps (NTSC) / 25fps (PAL)	Frame Setting	
		RETURN		Go back to previous menu	
2	DAY / NIGHT	MODE	AUTO / EXT / COLOR / BW	Day/Night Mode Setting	
		D TO N	1 ~ 63	Sets the threshold for identifying the Night status from the Day status.	
		N TO D	1 ~ 63	Sets the threshold for identifying the Day status from the Night status.	
		DELAY TIME	1 ~ 60	Sets the Night/Day identification transfer time.	
		RETURN		Go back to previous menu	
3	AWB	MODE	AUTO / USER / PUSH / 8000K~3200K / HOLD	AWB Mode Setting	
		R - G GAIN	1 ~ 255	R-G Gain Setting	
		B - G GAIN	1 ~ 255	B-G Gain Setting	
		RETURN		Go back to previous menu	
4	AE	MODE	ESC / HOLD	Mode Setting	
		BRIGHT	0 ~ 255	Brightness Setting	
		SHUTTER	AUTO/25/30/50/60/100/120 /250/500/1000/3000/10000	Shutter Speed Setting	
		FLICKER	OFF/50Hz/60Hz	Flicker Mode Setting	
		BLC	0~16	BLC Mode Setting	
		AGC	1~5	AGC Value Setting	
		LSC	OFF/ON	LSC Mode Setting	
		RETURN		Go back to previous menu	
5	SPECIAL	PRIVACY ZONE	AREA SEL.	AREA1/AREA2	Area No. Setting
			MASK PAT.	OFF/BLACK/GRAY/WHITE	Color Mask Frames Setting
			SX		Left X-coordinate
			EX		Right X-coordinate
			SY		Top Y-coordinate
			EY		Bottom Y-coordinate
	MOTION	MOTION	OFF/ON	Motion Setting	
		SENSITI	0~255	Setting motion sensitivity	
		ALARM	OFF/TRACE/ICON	Setting Alarm Mode	
		HOLD TIME	1SEC~10SEC	Setting Alarm Hold Time	
		HLC	ON/OFF	High Light Compensation	
		MASK VALUE		Mask Value Setting	
6	EFFECT	HRESHOLD		High Light Value Setting	
		RETURN		Go back to previous menu	
		COLOR GAIN		Color Gain Setting	
		COLOR HUE		Color Hue Setting	
		SHARPNESS		Sharpness Setting	
		CONTRAST		Contrast Setting	
		BRIGHT OFF		Brightness Setting	
		MIRROR	OFF/ON	Mirror Function Setting	
		FLIP	OFF/ON	Flip Function Setting	
		RETURN		Go back to previous menu	
7	SYSTEM	CAMERA ID		Camera ID Setting	
		ID DISP.	OFF/ON	ID Display Setting	
		NAME DISP.	OFF/ON	Camera Name Setting	
		LANGUAGE	ENG / CHN	OSD Language Setting	
		FACTORY INIT	OFF / ON	Factory Initial Setting	
		RETURN		Go back to previous menu	
8	EXIT	SAVE/EXIT		Save and Exit	
		EXIT		No Save and Exit	
		RETURN		Go back to previous menu	

HD-SDI IR HOUSING CAMERA

USER'S MANUAL



JHD-HU60IR

FEATURES

- 1/2.7" 2.1Megapixel Progressive CMOS
- 1080p(1920x1080)@30/25fps
- Min. Illumination Color : 1Lux / BW : 0.5Lux
- True Day & Night
- NTSC/PAL selectable
- 2D Digital Noise Reduction
- Motion Detection, Privacy Masking (2 Zone)
- 84pcs IR LED
- Fixed Lens 6.0mm
- Option : OSD Controller

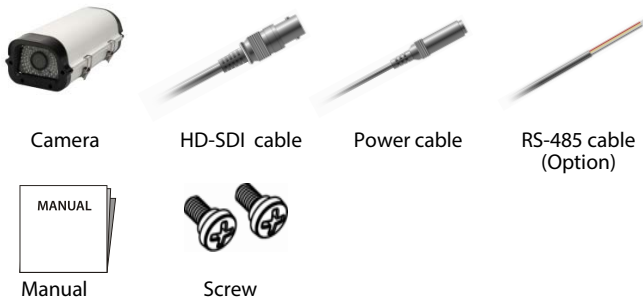
PRECAUTIONS

- **Do not install the camera in extreme temperature conditions.**
 - Only use the camera under conditions where temperatures are between -10°C and +50°C. Be especially careful to provide ventilation when operating under high temperatures.
- **Do not install or use the camera in an environment where the humidity is high.**
 - It can cause the image quality to be poor.
- **Do not install the camera under unstable lighting conditions.**
 - Severe lighting change or flicker can cause the camera to work improperly.
- **Never use the camera close to a gas or oil leak.**
 - It can cause malfunctions to occur.
- **Do not disassemble the camera.**
 - There are no user-serviceable parts inside it.
- **Do not touch the front lens of the camera.**
 - It is one of the most important parts of the camera. Be careful not to be stained by fingerprint.
- **Never keep the camera face to strong light directly.**
 - It can damage the image sensor.
- **Do not drop the camera or subject them to physical shocks.**
 - It can cause malfunctions to occur.
- **Do not expose the camera to rain or spill beverage on it.**
 - If it gets wet, wipe it dry immediately. Liquids can contain minerals that corrode the electronic components.
- **Do not expose the camera to radioactivity.**
 - If exposed to radioactivity the image sensor will fail.

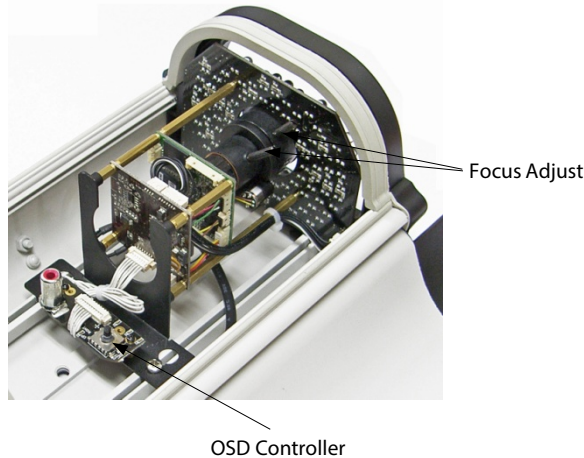
* NOTE *

- If the camera is exposed to spotlight or object reflecting strong light, smear or blooming may occur.
- Please check that the power satisfies the normal specification before connecting the camera.

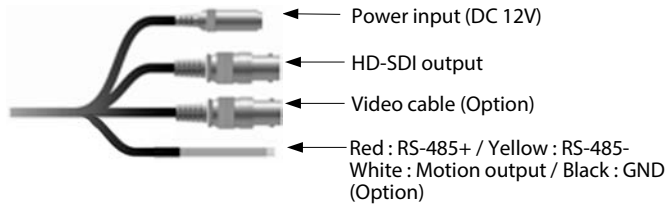
COMPOSITION



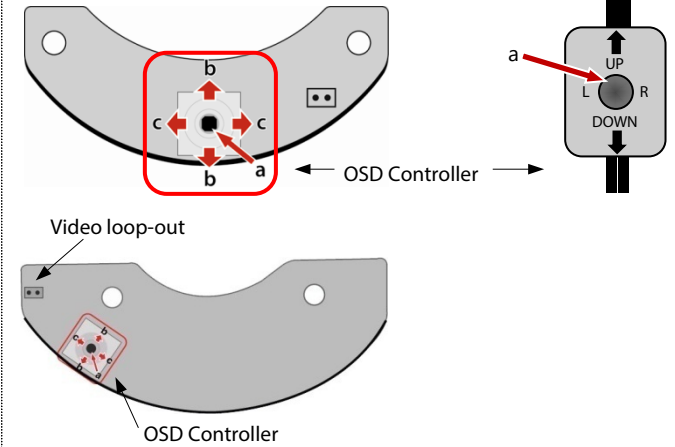
NAME OF EACH PART



CABLE CONNECTION



OSD CONTROL (Option- BOARD)



a. SET :

Displays the menu on the screen. Press this switch to confirm status or after changing a selected item.

b.UP / DOWN :

Used to move the cursor up or down in the menu screen to select a desired menu item.

c. LEFT / RIGHT :

Used to move the cursor left or right in the menu screen or to change the value of the selected item.

DIMENSION

