

# HD-SDI 40M IR Vari-focus Camera

## DH-7870V



### Features

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|--|---|
| ● 2M SONY CMOS Sensor                          | ● HLC (High Light Compensation)                   |
| ● HD-SDI output and analog CVBS output         | ● 8 Privacy zone (Each zone size can be modified) |
| ● Support HD-SDI (1920x1080@30P/ 1280X720@60P) | ● Digital Zoom (x64) & PIP(Full/Zoom Image)       |
| ● ACCE ( D-WDR)                                | ● Flicker Suppression                             |
| ● Support 2DNR / 3DNR                          | ● Low Shutter Control                             |
| ● OSD function control                         | ● Motion Detection                                |
| ● DPC (Dead Pixel Correction)                  | ● DEFOG   |

### Specifications

<b>Image Device</b>	<b>Image Sensor</b>	SONY 1/2.8" 2 Mega-Pixel CMOS Sensor
	<b>Resolution</b>	FULL HD (1920x1080@30FPS / 1280X720@60FPS)
<b>Lens</b>	<b>Mount</b>	2Mega-pixel 3.3-12mm Vari-focal Auto Iris ICR Lens
	<b>View Angle</b>	125°~35°
<b>Illumination</b>	<b>Sensitivity</b>	Color mode automatic switches to B/W mode under 2 Lux
<b>IR LED</b>	<b>Infrared Ray LED</b>	60 pcs IR LED / 50M IR distance
<b>Functions</b>	<b>AGC</b>	Low / Middle / High
	<b>Shutter</b>	1/25(30)~1/50000
	<b>Sens-Up</b>	x2~x30
	<b>Min Luminance</b>	0.1 Lux (Color) / 0.05 Lux (B/W) / 0.02Lux(Sens-up x30)
	<b>White Balance</b>	ATW / Manual / INDOOR / OUTDOOR / AWC→SET
	<b>Backlight Compensation</b>	BLC / HSBLIC / Off
	<b>D-WDR</b>	Low / Middle / High (ACCE) / Off
	<b>2D/3D-NR</b>	2DNR / 3DNR / SMART NR
	<b>Adjust</b>	SHARPNESS / MONITOR / LSC / NTSC/PAL
	<b>Privacy zone</b>	On / Off (8 Zone Selectable)
	<b>Digital Zoom / PIP</b>	On / Off(x2 ~ x64)
	<b>Day &amp; Night</b>	Color / B&W / Auto / EXT@IR-Smart control
	<b>OSD</b>	English/Japanese / Traditional /Simplified
<b>Others</b>	Motion detection , Image Flip & Mirror	
<b>Video Output</b>	<b>HD-SDI</b>	MCX connector
	<b>Analog CVBS</b>	CVBS output through BNC
<b>Electricity</b>	<b>Power Consumption</b>	DC 12V / 390mA
<b>Mechanical</b>	<b>Dimension / Weight</b>	88 (Ø) x 123 (D) mm ; 870g
<b>Environment</b>	<b>Operation Temperature</b>	-30°C ~ 70°C

OSD Feature

1.LENS	DC	INDOOR / OUTDOOR		
	VIDEO			
	MANUAL			
2.EXPOSURE	SHUTTER	Auto / (x2~x30) / FLK / (1/30~1/50000)		
	AGC	Low / Middle / High		
	SENS-UP	Off / Auto		
	BRIGHTNESS	1-100		
	ACCE	Off / Low / Middle / High		
	DEFOG	Off / Low / Middle / High		
	BACKLIGHT	Off		
		BLC	GAIN	Low / Middle / High
			AREA	POSITION
				SIZE
			DEFAULT	
		HSBLC	SELECT	AREA1 / AREA2 / AREA3 / AREA4
			DISPLAY	ON / OFF
LEVEL			0-100	
MODE			DAY / NIGHT	
BLACK MASK			ON / OFF	
DEFAULT				
3.WHITE BAL	ATW			
	MANUAL	Blue(0-100)		
		Red(0-100)		
	INDOOR			
	OUTDOOR			
	AWC→SET			
4.DAY&NIGHT	AUTO	DELAY	0-60(sec)	
		D→N(AGC)	0-100	
		N→D(AGC)	0-100	

	COLOR				
	B/W	BURST	ON / OFF		
		IR SMART	LEVEL(0-15)		
			AREA		
		IR LED	ON / OFF		
		IR PWM	0-100		
	EXT				
5.NR	2DNR	ON / OFF			
	3DNR	ON	S-LEVEL(0-100)		
			E-LEVEL(0-100)		
		OFF			
	LEVEL	0-100			
	SMART NR				
6.SPECIAL	CAM TITLE	ON / OFF			
	D-EFFECT	FREEZE	ON / OFF		
		MIRROR	OFF / MIRROR / V-FLIP / ROTATE		
		D-ZOOM	ON	PIP	ON / OFF
			D-ZOOM	x2 - x64	
			PAN&TILT		
			DEFAULT		
		NEG IMAGE	ON / OFF		
	MOTION	ON	SELECT	AREA1 / AREA2 / AREA3	
			DISPLAY	ON / OFF	
			SENSITIVITY	0-60	
			MOTION VIEW	ON / OFF	
			DEFAULT		
OFF					
PRIVACY	ON	SELECT	AREA1 – AREA8		
		DISPLAY	ON / OFF		
		COLOR	1-16		

		DEFAULT		
		OFF		
	LANGUAGE	ENG / JPN / CHN1 / CHN2		
	DEFECT	LIVE DPC	ON / OFF / AUTO	
		LEVEL	0-60	
		STATIC DPC	ON / OFF	
		START		
		LEVEL	0-60	
		SENS-UP	x2 - x30	
	RS485	CAM ID	0-255	
		ID DISPLAY	ON / OFF	
		BAUDRATE		
		VERSION		
7.AJUST	SHARPNESS	SHARPNESS	ON / OFF	
		LEVEL	0-100	
		RESOLUTION	ON / OFF	
	MONITOR	LCD	GAMMA	AUTO
				USER1
				USER2
				0.45 - 1.00
				BLUE GAIN(0-100)
				RED GAIN(0-100)
		CRT		BLACK LEVEL
				BLUE GAIN(0-100)
				RED GAIN(0-100)
		OSD	TEXT COLOR	1-8
			OUTLINE	ON / OFF
			LSC	ON / OFF
			NTSC / PAL	
		8.RESET		