

HD-SDI 50M IR Vari-focus Camera

DH-7780V



Features

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| ● 2M SONY CMOS Sensor | ● HLC (High Light Compensation) |
| ● HD-SDI output and analog CVBS output | ● 8 Privacy zones (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

Image Device	Image Sensor	SONY 1/2.8" 2 Mega-Pixel CMOS Sensor
	Resolution	FULL HD (1920x1080@30FPS / 1280X720@60FPS)
Lens	Mount	2Mega-pixel 3.3-12mm Vari-focal Auto Iris ICR Lens
	View Angle	125°~35°
Illumination	Sensitivity	Color mode automatic switches to B/W mode under 2 Lux
IR LED	Infrared Ray LED	60 pcs IR LED / 50M IR distance
Functions	AGC	Low / Middle / High
	Shutter	1/25(30)~1/50000
	Sens-Up	x2~x30
	Min Luminance	0.1 Lux (Color) / 0.05 Lux (B/W) / 0.02Lux(Sens-up x30)
	White Balance	ATW / Manual / INDOOR / OUTDOOR / AWC→SET
	Backlight Compensation	BLC / HSBLC / Off
	D-WDR	Low / Middle / High (ACCE) / Off
	2D/3D-NR	2DNR / 3DNR / SMART NR
	Adjust	SHARPNESS / MONITOR / LSC / NTSC/PAL
	Privacy zone	On / Off (8 Zone Selectable)
	Digital Zoom / PIP	On / Off(x2 ~ x64)
	Day & Night	Color / B&W / Auto / EXT@IR-Smart control
	OSD	English/Japanese / Traditional /Simplified
	Others	Motion Detection , Image Flip & Mirror
Video Output	HD-SDI	MCX connector
	Analog CVBS	CVBS output through BNC
Electricity	Power Consumption	DC 12V (2A Adaptor for IR ON) (DC12V/AC24V Dual Power & AC 90-264V switching power optional)
Mechanical	Dimension / Weight	135(W) x 105 (H) x 265(D) mm / 1.2 kg
Environment	Operation Temperature	0℃ ~ 70℃

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.ADJUST	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			