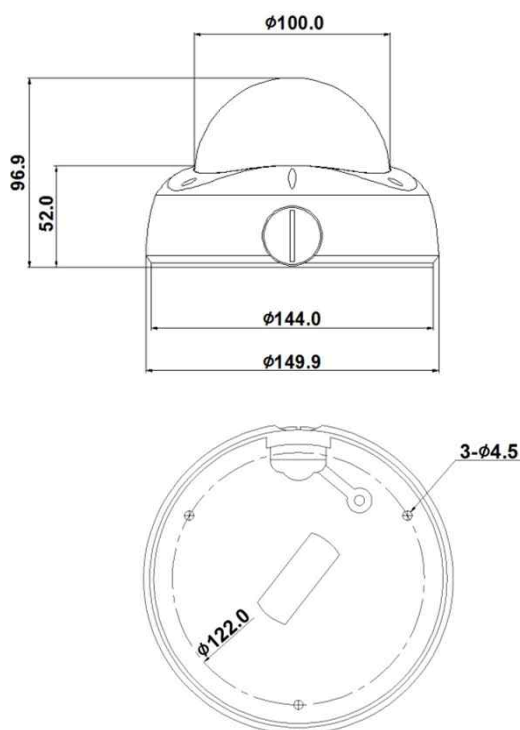


# DCV-RC947

## HD-SDI OUTDOOR IR-DOME CAMERA



### Dimension



### Option

- Wall-Mount Bracket



### Main Features

- 1/2.8" Sony 2.9μm Pixel Progressive Starvis Color CMOS Sensor
- Approx. 2.12 Mega Pixels (Max. 1080p)
- f=2.8~12mm M/P Lens (ICR)
- 30pcs of 850nm IR LEDs
- WDR / 3D-DNR / DSS (Sens-up) Supported
- OSD Available
- HD-SDI and EX-SDI Video Output Supported
- CVBS or AHD, TVI, CVI Video Out can be selectable
- Weather-proof Housing (IP66)



### Specifications

Model	DCV-RC947
Signal System	HD-SDI (Serial Data Interface) or EX-SDI
Pickup Device	1/2.8"(D-6.46mm) 2.12M Sony CMOS Sensor
Scanning System	Progressive Scan (16:9)
Sync. System	Internal
Total Pixels	2.16MP [1,945(H)x1,109(V)]
Active Pixels	2.12MP [1,937(H)x1,097(V)]
Min. Illumination	0.01Lux(F2.5 – 30IRE), 0Lux(IR on)
No. of IRED	30ea (850nm)
Video Out 1 (BNC)	HD-SDI: 1080p25/30, 720p25/30, 720p50/60, 1080i50/60 EX-SDI: 1080p25/30/50/60, 720p25/30/50/60, 1080i50/60
Video Out 2 (BNC)	Analog CVBS or AHD, TVI, CVI AHD, TVI and CVI: 1080p@25/30 / Analog CVBS: D1
Lens	DC Auto ICR Vari-focal f=2.8~12mm, F1.4
Lens (Mount)	Board type (Ø14)
Angle of View	116°~36°(D), 91°~28°(H), 74.7°~21.2°(V)
OSD	Via 5-direction OSD switch
Camera Title	Off, On(Max. 8 Characters)
Language	English, Chinese(Simplified), Chinese(Traditional), Japanese, Korean
Exposure	DC, Manual
White Balance	AWB, ATW, Push Lock, Manual
BLC	Off, HLC, BLC, WDR
Day & Night Mode	AUTO, COLOR, B/W, EXT
Gain Control	AGC (0~10)
Electronic Shutter	1/25(30)~1/30,000sec
Noise Reduction	3DNR (Off, Low, Middle, High)
DSS(Sens-up)	X32
Mirror	Off, On(Mirror, Flip, Rotation)
Other Features	Motion Detection (4 Zones), Privacy Mask (16 Zones), ACE, D-Zoom, Defog, Gamma, Shading etc.
Communication	N/A
Power Source	DC12V
Power Consumption	Less than 8.0 Watts (660mA)
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)
Size (mm)	100Ø (Dome Diameter)
Weight	1,035 g (gift-box packing)

SETUP MENU	SUB MENU 1	SUB MENU 2	SUB MENU 3	VALUE
LENS				MANUAL / <b>DC</b>
EXPOSURE	BRIGHTNESS			0 ~ 20 <b>(10)</b>
	SHUTTER	<b>AUTO</b>	Lens Mode DC	INDOOR / <b>OUTDOOR</b> / DEBLUR
			Lens Mode Manual	NORMAL/DEBLUR
		MANUAL		NTSC : 1/30,60,120,250,500,1K,2K,4K,8K,15K,30K PAL : 1/25,50,100,200,400,800,1.6K,3.2K,6.4K,12.8K,25.6K
	SENS-UP			<b>OFF</b> / X2/ X4/ X8 / X16 / X32
	AGC			0 ~ 10 <b>(8)</b>
BACKLIGHT	<b>OFF</b>			
	HLC	LEVEL		0 ~ 20 <b>(10)</b>
		COLOR		<b>BLK</b> ,WHT,YEL,CYN,GRN,MAG,RED,BLU
	BLC	H-POS		0 ~ 20 <b>(6)</b>
		V-POS		0 ~ 20 <b>(5)</b>
		H-SIZE		0 ~ 20 <b>(7)</b>
		V-SIZE		0 ~ 20 <b>(7)</b>
	WDR	WEIGHT		LOW/ <b>MIDDLE</b> / HIGH
DAY&NIGHT	AUTO	D>N THRES		0(bright) ~ 20(dark) <b>(6)</b>
		N>D THRES		0(bright) ~ 20(dark) <b>(8)</b>
		DELAY		0 ~ 9sec, 10sec, 15sec <b>(0 Sec)</b>
		BURST		OFF/ <b>ON</b>
	COLOR			
	B&W	BURST		OFF/ <b>ON</b>
	<b>EXT. D&amp;N</b>	SMART IR		<b>OFF</b> /ON
		SAT. LEVEL		0 ~ 20 <b>(10)</b>
		EXTERN SW		HIGH/ <b>LOW</b>
		DELAY		0 ~ 9sec, 10sec, 15sec <b>(0sec)</b>
		BURST		OFF/ <b>ON</b>
WHITE BAL	AWB	<b>AUTO</b>		
		AUTOext		
		PRESET		Press ENTER key
		MANUAL	C-TEMP.	3000K/ <b>5000K</b> / 8000K
			R-GAIN	0 ~ 20 <b>(10)</b>
			B-GAIN	0 ~ 20 <b>(10)</b>
	COLOR GAIN			0 ~ 20 <b>(10)</b>
DNR				OFF/ <b>LOW</b> / MIDDLE/ HIGH
IMAGE	SHARPNESS			0 ~ 10 <b>(8)</b>
	GAMMA			0.45/ <b>0.55</b> / 0.65/ 0.75
	MIRROR			<b>OFF</b> /ON
	FLIP			<b>OFF</b> /ON
	D-ZOOM			1.0X~16.0X <b>(1.0X)</b>
	ACE			<b>OFF</b> /LOW/ MIDDLE/ HIGH

SETUP MENU	SUB MENU 1	SUB MENU 2	SUB MENU 3	VALUE
IMAGE	DEFOG	<b>OFF</b>		
		ON	MODE	<b>AUTO</b> /MANUAL
			LEVEL	LOW/ <b>MIDDLE</b> / HIGH
	SHADING	<b>OFF</b>		
		ON	WEIGHT	0~100% <b>(100%)</b>
	PRIVACY	BOX	<b>OFF</b> /ON	
			ZONE NUM	0~15
			ZONE DISP	OFF/ON
			H-POS	0~60
			V-POS	0~34
			H-SIZE	0~60
			V-SIZE	0~34
			Y LEVEL	0~20
			CB LEVEL	0~20
			CR LEVEL	0~20
			TRANS	0~3
		POLYGON	<b>OFF</b> /ON	
			ZONE NUM	0~7
			ZONE DISP	OFF/ON
			POS0-X ~POS3-X	0~120
			POS0-Y~POS3-Y	0~68
			Y LEVEL	0~20
			CB LEVEL	0~20
			CR LEVEL	0~20
			TRANS	0~3
MOTION	<b>OFF</b>			
	ON	DET WINDOW	WINDOW USE	0~3
			WINDOW ZONE	OFF/ON
			DET H-POS	0~60
			DET V-POS	0~34
			DET H-SIZE	0~60
			DET V-SIZE	0~34
		SENSITIVITY		0~10 <b>(5)</b>
		MOTION OSD		<b>OFF</b> /ON
		TEXT ALARM		<b>OFF</b> /ON
		SIGNAL OUT		OFF/ <b>ON</b>
SYSTEM	COMM	CAM ID		0 ~ 255 <b>(1)</b>
		BAUDRATE		2400,4800, <b>9600</b> ,57600,115200
		CAM ID DISPLAY		<b>OFF</b> /ON
	OUTPUT	FRAME RATE		<b>1080_30p(25p)</b>
		FREQ		50Hz(PAL) / 60Hz(NTSC)
		ANALOG MODE		OFF / CVBS / HD_T / HD_C / <b>HD_A</b>
		CVBS OUT MODE		CUT / <b>FULL</b>
	LANGUAGE			<b>ENG</b> / CHINESE/ CHINESE(S)/ JAPANESE/ KOR
	CAM TITLE	<b>OFF</b>		
		RIGHT UP		0 ~ 9, A ~ Z, blank
		LEFT DOWN		0 ~ 9, A ~ Z, blank
FACTORY DEFAULT				Reset to factory setting
EXIT				Exit SETUP menu