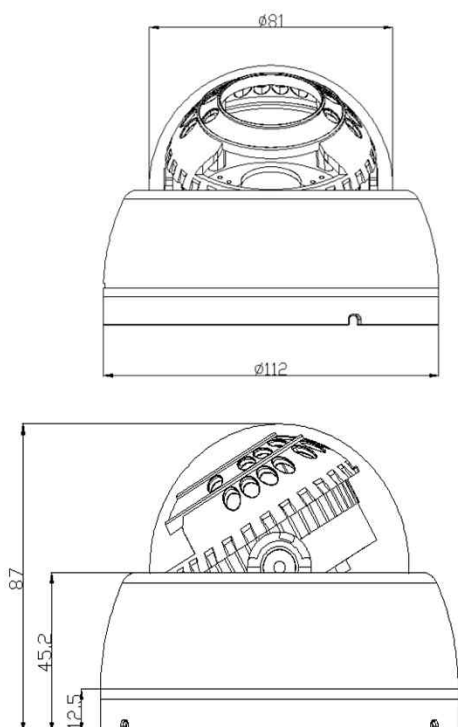


DCD-RC831

HD-SDI INDOOR IR-DOME CAMERA



Dimension



Option



Main Features

- 1/3" 1080p Panasonic CMOS Sensor
- 2.12MP (1080p25/30, 720p25/30/50/60)
- f=2.8~11mm M/P Lens (ICR)
- 24pcs of 850nm IR LEDs (Max. 20M – Indoor)
- WDR / 3D-NR / DSS(Sens-up) Supported
- OSD Available
- HD-SDI / EX-SDI Ver. 1 / EX-SDI Ver. 2 Video Outs Supported
- Analog Composite Video Out
- Plastic Dome Housing(80Ø)

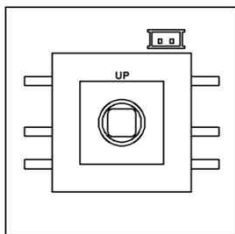


Specifications

Model	DCD-RC831	
Signal System	HD-SDI (Serial Data Interface) or EX-SDI	
Pickup Device	1/3"(D-6mm) 2.12M Panasonic CMOS Sensor	
Scanning System	Progressive Scan (16:9)	
Sync. System	Internal	
Total Pixels	2.40M [1956(H)x1228(V)]	
Active Pixels	2.12M [1944(H)x1092(V)]	
Scanning Frequency	30Hz(VD) for NTSC out	25Hz(VD) for PAL out
Min. Illumination	0.1Lux(F2.5 – 30IRE), 0Lux(IR on)	
No. of IRED	24ea (850nm)	
H-Resolution	More than 1,000TV Lines(H)	
S/N Ratio	More than 50dB (AGC off)	
Video Out 1 (BNC)	HD-SDI or EX-SDI: 1080p@25/30, 720p@50/60	
Video Out 2 (BNC)	Composite Video 1V p.p (NTSC/PAL - 75Ω)	
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 Tact-switch	
Camera Title	Off, On(Max. 8 Characters)	
Language	English, Chinese(Simplified), Chinese(Traditional), Japanese, Korean	
Exposure	DC, Manual	
White Balance	AWB, ATW, Push, Manual	
BLC	Off, HLC, BLC, WDR * WDR is not operated when manual shutter mode or CVBS output mode is selected.	
Day & Night Mode	AUTO, COLOR, B/W, IR_EXT	
Gain Control	AGC (0~20)	
Electronic Shutter	1/25(30)~1/25,600(30,000)sec	
Noise Reduction	3DNR (Off, Low, Middle, High)	
DSS(Sens-up)	Off, On(X32)	
Mirror	Off, On(Mirror, Flip, Both)	
Other Features	Motion Detection (4 Zones), Privacy Mask (16 Zones), Defog etc.	
Power Source	DC12V	
Power Consumption	Less than 5 Watts (400mA)	
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)	
Size (mm)	80Ø (Dome Diameter)	
Weight	334g (gift-box packing)	

SETUP MENU	SUB MENU1	SUB MENU2	SUB MENU3	SUB MENU4	VALUE
LENS	DC				INDOOR/OUTDOOR/DEBLUR
	MANUAL				NORMAL/DEBLUR
EXPOSURE	BRIGHTNESS				0 ~ 20
	AGC				0 ~ 20
	SHUTTER MODE				AUTO/ MANUAL/FLICKERLESS
	SHUTTER SPEED				1/25(30), 1/50(60), 1/100(120), 1/200(250), 1/400(500), 1/800(1,000) 1/1,600(2000), 1/3,200(4,000), 1/6,400(8,000), 1/12,800(15,000), 1/25,600(30,000)
	SENS-UP				OFF, X2, X4, X8, X16, X32
WHITE BALANCE	AWB				
	ATW				
	PUSH LOCK				Press ENTER key
	MANUAL	COLOR TEMP.			3000K/ 5000K/ 8000K
		R-GAIN			0 ~ 20
B-GAIN				0 ~ 20	
BACKLIGHT	WDR	MODE	NORMAL		
			ROI	WINDOW MODE	0 ~ 3
				WINDOW SEL	On, Off
				H-POS	0 ~ 1920
				V-POS	0 ~ 1080
				H-SIZE	0 ~ 1920
				V-SIZE	0 ~ 1080
		WEIGHT			LOW, MIDDLE, HIGH
	OFF				
	HLC	LEVEL			0 ~ 20
		COLOR			BLK,WHT,YEL,CYN,GRN,MAG,RED,BLU
	BLC	H-POS			0 ~ 20
		V-POS			0 ~ 20
		H-SIZE			0 ~ 20
		V-SIZE			0 ~ 20
DNR					OFF, LOW, MIDDLE, HIGH
DAY&NIGHT	AUTO	DWELL TIME			0 ~ 9sec, 1sec/step
		AGC THRES			0(bright) ~ 20(dark)
		AGC MARGIN			0(bright) ~ 20(dark)
	COLOR				
	B&W				
	IR_EXT	DWELL TIME			0 ~ 9sec, 1sec/step
		D->N LEVEL			0(bright) ~ 20(dark)
		N->D LEVEL			0(bright) ~ 20(dark)
		SMART IR			OFF/ON
LEVEL				0 ~ 20	
IMAGE	SHARPNESS	SDI & CVBS			0 ~ 10
		HDC			0 ~ 10
		HDT			0 ~ 10
		HAD			0 ~ 10
	COLOR LEVEL				0 ~ 20
	MIRROR				OFF/ ON
	FLIP				OFF/ ON
	LENS SHADING	OFF/ ON			WEIGHT 0~100%
	GAMMA				0.45, 0.55, 0.65, 0.75
	ACE				OFF, LOW, MIDDLE, HIGH
	DEFOG	OFF			
		ON	MODE		MANUAL, AUTO
LEVEL				OFF, LOW, MIDDLE, HIGH	

SETUP MENU	SUB MENU1	SUB MENU2	SUB MENU3	SUB MENU4	VALUE
SPECIAL	COM. ADJUST	CAM ID			0 ~ 255
		BAUDRATE			2400,4800,9600,19200,38400,57600,115200
		PROTOCOL			PELCO-D
		SET DONE			ON
	PRIVACY	OFF			
		ON	MASK SEL		0 ~ 15
			MASK MODE		OFF/ ON
			H-POS		0 ~ 60
			V-POS		0 ~ 34
			H-SIZE		0 ~ 40
			V-SIZE		0 ~ 34
			Y LEVEL		0 ~ 20
			CB LEVEL		0 ~ 20
			CR LEVEL		0 ~ 20
			TRANS		0 ~ 3
	MOTION	OFF			
		ON	DET WINDOW	WINDOW SEL	0 ~ 3
				WINDOW MODE	OFF/ ON
				DET H-POS	0 ~ 60
				DET V-POS	0 ~ 34
				DET H-SIZE	0 ~ 60
				DET V-SIZE	0 ~ 34
			DET TONE		0 ~ 4
			MDRECT FILL		OFF, ON
			SENSITIVITY		0 ~ 10
			MOTION OSD		OFF, ON
			TEXT ALARM		OFF, ON
SYSTEM	VIDEO OUTPUT	MAIN OUTPUT			ANALOG OUTPUT, SDI OUTPUT
		SDI OUTPUT			**DCC-830 mode (SDI, EX-SDI, EX-SDI II) HD-SDI / 270M(V1.0) / 135M(V2.0)
		ANALOG OUTPUT			**ACC-830 mode CVBS, HDA, HDT, HDC
	FRAME RATE				720_25(30)P, 720_50(60)P, 1080_25(30)P
	FREQ(NT/PAL)				50HZ(PAL), 60HZ(NTSC)
	LANGUAGE				ENG, CHN, CHN(S), JPN, KOR
	CAM TITLE				OFF, RIGHT UP, LEFT DOWN
FACTORY DEFAULT					Reset to factory setting
EXIT	SAVE & END				Exit SETUP menu after saving
	CANCEL				Exit SETUP menu without saving



• Important Notice

Under WDR on, CVBS videos can't be supported although you select CVBS as the analog output. In order to use CVBS, you need to turn WDR off first. For easy installation to adjust the zoom and focus, CVBS can be temporarily supported with camera OSD displayed even if WDR mode is not selected as OFF. Then, when you exit the camera OSD menu or some minutes after adjusting the zoom and focus, the camera mode will get back to previously selected analog HD mode automatically.