

# DCP-RF836-4

## HD-SDI IR-BULLET CAMERA

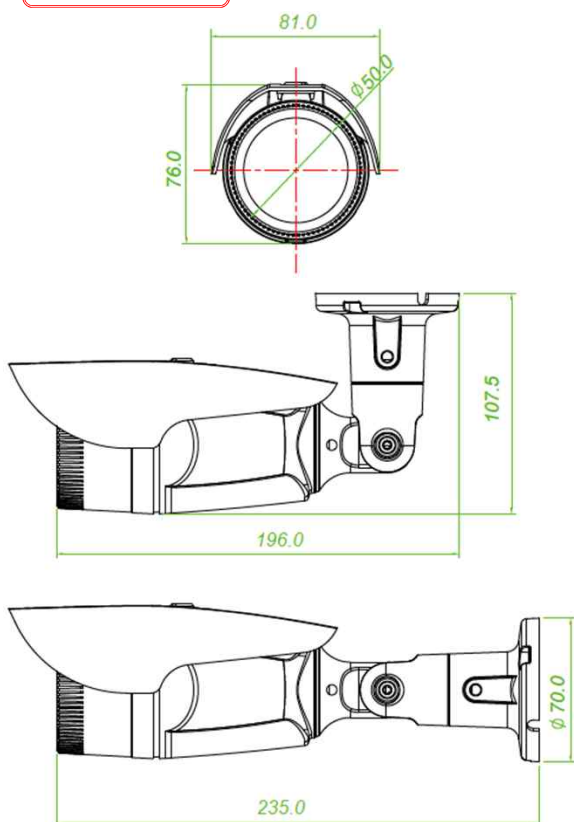


### Main Features

- 1/3" 1080p Panasonic CMOS Sensor
- 2 Mega Pixels (1080p25/30, 720p25/30/50/60)
- f=4mm M/P Lens (ICR)
- 35pcs of 850nm IR LEDs
- WDR or 3D-NR / DSS(Sens-up) Supported
- HD-SDI / EX-SDI Ver. 1 / EX-SDI Ver. 2 Video Outs Supported
- OSD Available
- Analog Composite Video Out
- Weather-proof Bullet Housing (50Ø)



### Dimension



### Option

- Lens (6, 8, 12, 16, 25mm)

### Specifications

Model	DCP-RF836-4
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	35ea (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	Fixed f=4mm, F2.5
Lens (Mount)	Board type (M12)
Angle of View	92°(D), 73°(H), 54°(V)
OSD	Via 5-direction Tact-switch
Camera Title	Off, On(Max. 8 Characters)
Language	English, Chinese(Simplified), Chinese(Traditional), Japanese, Korean
Exposure	AE, 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 5.7 Watts (470mA)
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)
Size (mm)	65Ø (Bullet Diameter)
Weight	721g (gift-box packing)

SETUP MENU	SUB MENU1	SUB MENU2	SUB MENU3	VALUE
LENS	DC			INDOOR/OUTDOOR/DEBLUR
	MANUAL			NORMAL/DEBLUR
EXPOSURE	BRIGHTNESS			0 ~ 20
	AGC			0 ~ 20
	SHUTTER MODE			AUTO/ MANUAL/FLICKERLESS
	SHUTTER SPEED			1/30(25),60(50),120(100),250,700,1K,1.6K,2.5K,5K,7K,10K,30K
	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	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
	WDR	WEIGHT		LOW/ MIDDLE/ HIGH
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			
	EXTERN / CDS	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
		CDS POLARITY		LOW/HIGH
IMAGE	SHARPNESS			0 ~ 20
	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
	D-ZOOM			1~16X
	ACE	OFF		
		MODE		ALWAYS/ NIGHT ONLY
		LEVEL		LOW/ MIDDLE/ HIGH
	DEFOG	AUTO/ MANUAL		LOW/ MIDDLE/ HIGH

SETUP MENU	SUB MENU1	SUB MENU2	SUB MENU3	VALUE
<b>SPECIAL</b>	COMM. ADJUST	CAM ID		0 ~ 255
		BAUDRATE		2400,4800,9600,19200,38400,57600,115200
		PROTOCOL		PELCO-D
	PRIVACY	BOX	OFF	
			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
		POLYGON	OFF	
			MASK SEL	0 ~ 7
			MASK MODE	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	OFF		
		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
		SENSITIVITY		0 ~ 10
		MOTION OSD		OFF/ON
		TEXT ALARM		OFF/ ON
		SIGNAL OUT		OFF/ ON
<b>SYSTEM</b>	SDI OUT			HD-SDI/ EX-SDI
	SDI FORMAT			1080_30p/ 1080_25p/ 720_30p/ 720_25p/ 720_60p/ 720_50p
	FREQ(NT/PAL)			60Hz(NTSC)/ 50Hz(PAL)
	CVBS OUT			OFF/ ON
	LANGUAGE			ENG/ CHINESE/ CHINESE(S)/ JAPANESE/ KOR
	CAM TITLE			0 ~ 9, A ~ Z, blank
<b>FACTORY DEFAULT</b>				Reset to factory setting
<b>RETURN</b>				Return to previous menu
<b>EXIT</b>				Exit SETUP menu