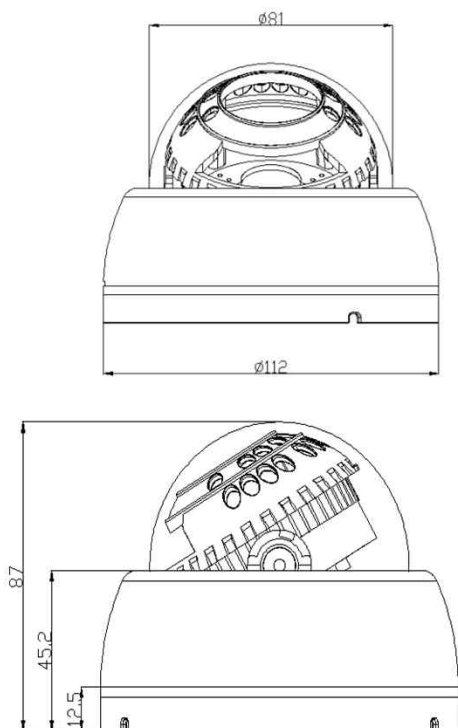


# DCD-RF832

## HD-SDI INDOOR IR-DOME CAMERA



### Dimension



### Option

- Lens (f=6, 8, 12, 16, 25mm)
- Dual Voltage (DC12V/AC24V)

### Main Features

- 1/3" 1080p Panasonic CMOS Sensor
- 2.12MP (1080p25/30, 720p25/30/50/60)
- f=4mm 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-RF832   |
|--------------------|---|
| 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               | f=4mm, F2.5   |
| Lens (Mount)       | Board type (M12)  |
| Angle of View      | 95°(D), 80°(H), 43°(V)  |
| OSD                | OSD Board   |
| 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<br>* 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 5.4 Watts (450mA)   |
| Operating Temp.    | -10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)   |
| Size (mm)          | 80Ø (Dome Diameter)   |
| Weight             | 319g (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<br>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)<br>HD-SDI / 270M(V1.0) / 135M(V2.0) |
|                    |              | ANALOG OUTPUT |             |             | **ACC-830 mode<br>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<br>DEFAULT |              |               |             |             | Reset to factory setting  |
| EXIT               | SAVE & END   |               |             |             | Exit SETUP menu after saving  |
|                    | CANCEL       |               |             |             | Exit SETUP menu without saving  |