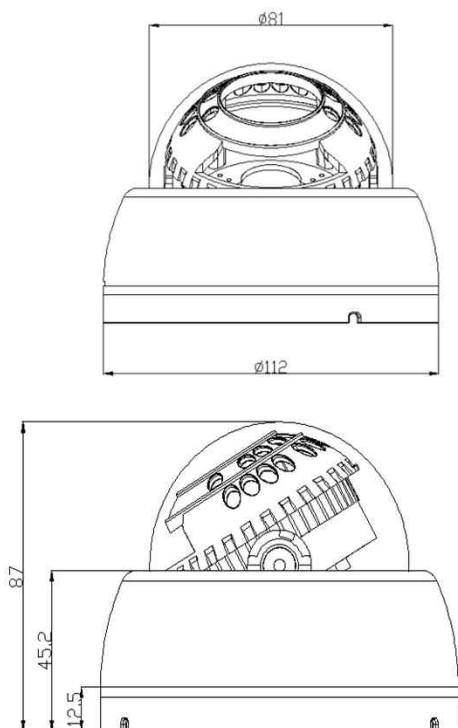


DCD-V831

HD-SDI INDOOR 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
- 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)

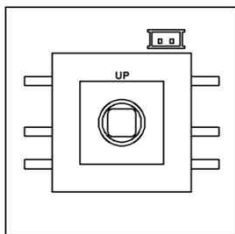


Specifications

| Model | DCD-V831 | |
|--------------------|---|----------------------|
| 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), 0.003Lux(DSS on) | |
| No. of IRED | N/A | |
| 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 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 1.6 Watts (130mA) | |
| Operating Temp. | -10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH) | |
| Size (mm) | 80Ø (Dome Diameter) | |
| Weight | 309g (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.