

AHD-RF1Y2-4

AHD2.0 INDOOR IR-DOME CAMERA

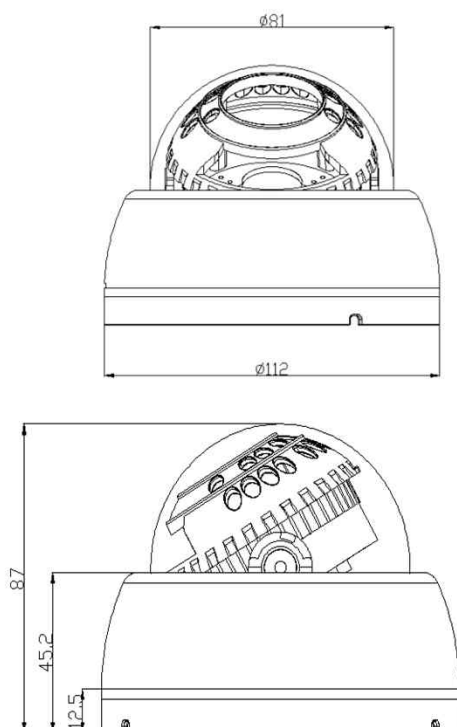


Main Features

- 1/2.8" 2.9μm Pixel Progressive Sony Starvis CMOS Sensor
- 2.12M Pixels (1,000 TV Lines)
- Fixed Board Lens (ICR)
- 24pcs of 850nm IR LEDs (Max. 20M – Indoor)
- WDR, 3D-DNR, DSS (Sens-up) Supported
- OSD & UTC Supported
- AHD2.0 Camera (CVBS Out Mode Supported)
- Plastic Dome Housing(80Ø)



Dimension



Specifications

| Model | AHD-RF1Y2-4 |
|--------------------|--|
| Signal System | AHD 2.0 |
| 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), 0.0003Lux(DSS on), 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 (BNC) | AHD: 1080p@25/30 or CVBS 1.0V p.p |
| Lens | Fixed f=4mm board type, F2.5 |
| Lens (Mount) | Board type (M12) |
| Angle of View | 92.5°(D), 78°(H), 44.5°(V) |
| OSD | Via 5-direction Tact-switch or UTC |
| Camera Title | Off, On(Max. 8 Characters) |
| Language | English, Chinese(Simplified), Chinese(Traditional), Japanese, Korean |
| Exposure | AE, Manual |
| White Balance | AUTO, AUTOext, Preset, Manual |
| BLC | Off, HLC, BLC, WDR |
| Day & Night Mode | AUTO, COLOR, B/W, EXT. D&N |
| Gain Control | AGC (0~10) |
| Electronic Shutter | Auto, Manual, Flickerless |
| DSS(Sens-up) | Off, On(Max. X32) |
| Noise Reduction | 3DNR (Off, Low, Middle, High) |
| Mirror | Off, On(Mirror, Flip, Rotation) |
| Other Features | Motion Detection (4 Zones), Privacy Mask (16 Zones), ACE, D-Zoom, Defog, Gamma, Shading etc. |
| Power Source | DC 12V |
| Power Consumption | Less than 3.9 Watts (320mA@DC12V) |
| Operating Temp. | -10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH) |
| Size (mm) | 80Ø (Dome Diameter) |
| Weight | 297g (Gift-box packing) |

Option

- Lens (f=3.6, 6, 8, 12, 16, 25mm)
- Dual Voltage (DC12V/AC24V)

| SETUP MENU | SUB MENU 1 | SUB MENU 2 | SUB MENU 3 | VALUE |
|------------|------------|------------|------------|--|
| EXPOSURE | BRIGHTNESS | | | 0 ~ 20 |
| | SHUTTER | AUTO | | 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 |
| | | FLICKER | | |
| | SENS-UP | | | OFF/ X2/ X4/ X8 / X16 / X32 |
| | AGC | | | 0 ~ 10 |
| 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 |
| DAY&NIGHT | AUTO | D>N THRES | | 0(bright) ~ 20(dark) |
| | | N>D THRES | | 0(bright) ~ 20(dark) |
| | | DELAY | | 0 ~ 9sec, 10sec, 15sec |
| | | BURST | | OFF/ON |
| | COLOR | | | |
| | B&W | BURST | | OFF/ON |
| | EXT.D&N | SMART IR | | OFF/ON |
| | | SAT. LEVEL | | 0 ~ 20 |
| | | EXTERN SW | | HIGH/LOW |
| | | DELAY | | 0 ~ 9sec, 10sec, 15sec |
| | | BURST | | OFF/ON |
| WHITE BAL | AWB | AUTO | | |
| | | AUTOext | | |
| | | PRESET | | Press ENTER key |
| | | MANUAL | C-TEMP. | 3000K/ 5000K/ 8000K |
| | | | R-GAIN | 0 ~ 20 |
| | | | B-GAIN | 0 ~ 20 |
| | COLOR GAIN | | | 0 ~ 20 |
| DNR | | | | OFF/ LOW/ MIDDLE/ HIGH |
| IMAGE | SHARPNESS | | | 0 ~ 10 |
| | GAMMA | | | 0.45/ 0.55/ 0.65/ 0.75 |
| | MIRROR | | | |
| | FLIP | | | |
| | D-ZOOM | | | 1.0X ~ 16.0X |
| | ACE | | | OFF/LOW/ MIDDLE/ HIGH |
| | DEFOG | OFF | | |
| | | ON | MODE | AUTO/MANUAL |
| | | | LEVEL | LOW/ MIDDLE/ HIGH |
| | SHADING | OFF | | |
| | | ON | WEIGHT | 0~100% (100%) |

| SETUP MENU | SUB MENU 1 | SUB MENU 2 | SUB MENU 3 | VALUE |
|-----------------|------------|----------------|----------------|--|
| IMAGE | PRIVACY | BOX | OFF/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 | OFF/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 | OFF | | | |
| | 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 (5) |
| | | MOTION OSD | | OFF/ON |
| | | TEXT ALARM | | OFF/ON |
| SYSTEM | COMM | CAM ID | | 0 ~ 255 (1) |
| | | BAUDRATE | | 2400,4800,9600,57600,115200 |
| | | CAM ID DISPLAY | | OFF/ON |
| | OUTPUT | FRAME RATE | HD-SDI | 1080P_30(25), 1080i_60((50). 720P_60(50), 720P_30(25), |
| | | | EX-SDI | 1080P_60(50), 1080P_30(25), 1080i_60(50), 720P_60(50), 720P_30(25) |
| | | FREQ | | 50Hz(PAL) / 60Hz(NTSC) |
| | | SDI MODE | | HD-SDI / EX-SDI |
| | | SDI OUT MODE | EX-SDI | 135M(V2.0), 135M+(V2.1), 270M(V1.0) |
| | | | HD-SDI | Fixed [1.5G] |
| | | | 1080p60(50) | Fixed [270M] |
| | | ANALOG MODE | | CVBS, HD_T, HD_C, HD_A |
| | | CVBS OUT MODE | | CUT, FULL |
| | LANGUAGE | | | ENGLISH, CHINESE, CHINESE(S), JAPANESE, KOREAN |
| | CAM TITLE | OFF | | |
| | | RIGHT UP | | 0 ~ 9, A ~ Z, blank |
| | | LEFT DOWN | | 0 ~ 9, A ~ Z, blank |
| FACTORY DEFAULT | | | | Reset to factory setting |
| EXIT | | | | Exit SETUP menu |