

AHD-F1Y8-2.5

AHD2.0 INDOOR DOME CAMERA

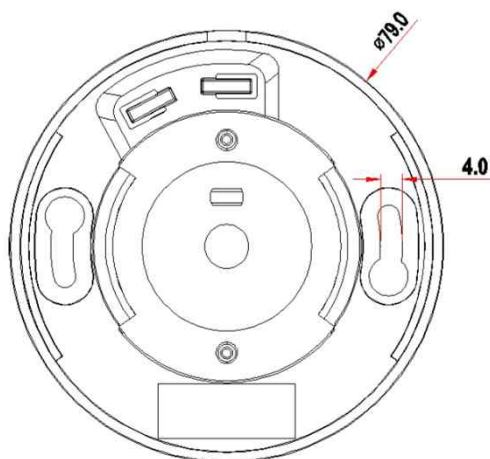
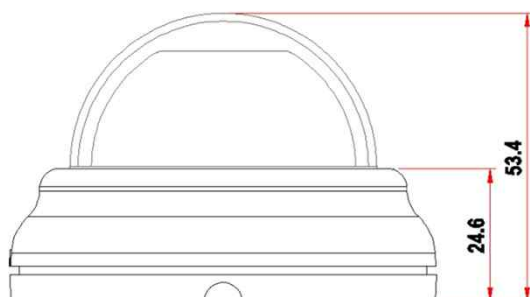


Main Features

- 1/2.8" 2.9μm Pixel Progressive Sony Starvis CMOS Sensor
- 2.12M Pixels (1,000 TV Lines)
- Fixed Board Lens
- WDR, 3D-DNR, DSS (Sens-up) Supported
- UTC Supported
- AHD2.0 Camera (CVBS Out Mode Supported)
- Wide Operating Power Range (DC5~15V)
- Plastic Dome Housing(57Ø)



Dimension



Option

- Lens (fixed Lens)
f=1.1(fish-eye), 1.7, 2.8, 3.6, 4, 6, 8, 12, 16, 25mm

Specifications

Model	AHD-F1Y8-2.5
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 - 30IRE), 0.0003Lux(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 (BNC)	AHD: 1080p@25/30 or CVBS 1.0V p.p
Lens	Fixed f=2.5mm board type, F2.5
Lens (Mount)	Board type (M12)
Angle of View	143°(D), 120.5°(H), 66°(V)
OSD	Via 5-direction Tact-switch and 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 5~15V
Power Consumption	Less than 1.5 Watts (120mA@DC12V)
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)
Size (mm)	57Ø (Dome Diameter)
Weight	178g (Gift-box packing)

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