

# AHR-RF737A-2.8

## AHD2.0 CAMERA FOR VEHICLE

PARANTEK

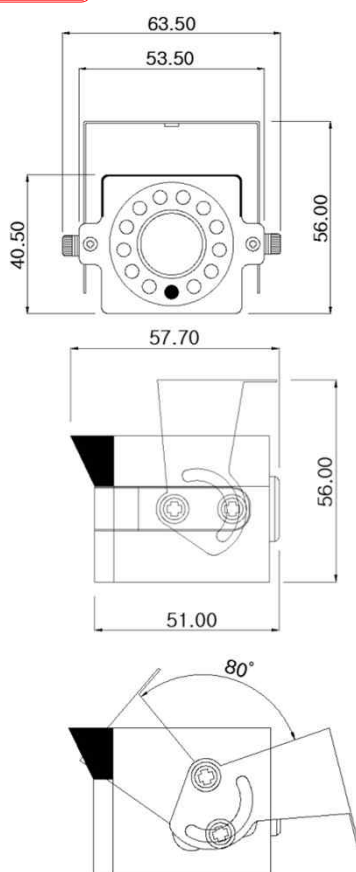


### Main Features

- 1/2.9" 2.8μm Sony Exmor Progressive CMOS Sensor
- 2 Mega Pixels (1080p 25/30)
- Manual Fixed Lens (f=2.8mm)
- 12pcs LEDs
- Audio Microphone Built-in
- UTC Supported
- AHD2.0 Camera (Universal Analog HD Video Formats)



### Dimension



### Option

- Lens(Fixed)  
f=3.6 / 4 / 6 / 8 / 12 / 16 / 25mm
- Wall-mount Bracket
- AHR-RF737-2.8 : Water-proof model w/o Audio

### Specifications

Model	AHR-RF737A-2.8
Signal System	AHD 2.0
Pickup Device	1/2.9"(D-6.23mm) 2.19M Sony Exmor CMOS Sensor
Scanning System	Progressive Scan (16:9)
Sync. System	Internal
Total Pixels	2.24MP [2,000(H)x1,121(V)]
Active Pixels	2.19MP [1,985(H)x1,105(V)]
Min. Illumination	0.2Lux(F2.5 – 30IRE), 0Lux(IR on)
No. of IRED	12pcs of 850nm LED
S/N Ratio	More than 50dB (AGC off)
Video Out (BNC)	AHD: 1080p@25/30
Lens	Fixed f=2.8mm, F2.5
Lens (Mount)	Board type (M12)
Angle of View	116° (D), 98° (H), 53.4° (V)
OSD	Via UTC
Camera Title	Off, On(Max. 15 Characters)
Language	English, Russian, French, Spanish, Portuguese, German Chinese(Simplified), Chinese(Traditional), Italian, Polish, Dutch, Turkish
Exposure	AE, Manual
White Balance	AWB, ATW, AWC->SET, Manual, Indoor, Outdoor
BLC	Off, BLC, HSBLC
Day & Night Mode	AUTO, COLOR, B/W, EXT
Gain Control	AGC (1~15)
Electronic Shutter	1/25(30)~1/50,000sec
DSS(Sens-up)	N/A
Noise Reduction	2DNR
Mirror	Off, On(Mirror, Flip, Rotation)
Other Features	Motion Detection (4 Zone), Privacy Mask (4 Zones), Freeze, Neg. Image, Lens Shading, Defog etc.
Microphone	Yes
Power Source	DC 12V
Power Consumption	Less than 2.2 Watts (180mA@DC12V)
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)
Size (mm)	63.5(W) x 40.5(H) x 57.7(D) (Without Bracket)
Weight	240g (gift-box packing)

SETUP MENU	SUB MENU1	SUB MENU2	SUB MENU3	SUB MENU4	VALUE
EXPOSURE	SHUTTER				AUTO, 1/25(30), 1/50(60), FLK, 1/200(240), 1/400(480), 1/1000, 1/2000, 1/5000, 1/10000, 1/50000
	AGC				0 ~ 15
	BRIGHTNESS				1~100
	D-WDR	OFF			
		AUTO			
		ON	LEVEL		0~15
BACKLIGHT	OFF				
	BLC	LEVEL			LOW, MIDDLE, HIGH
		AREA			
		DEFAULT			
	HSBLC	SELECT			AREA1, AREA2, AREA3, AREA4,
		DISPLAY			ON, OFF
		BLACK MASK			ON, OFF
		LEVEL			0~100
		MODE	ALL DAY		
			NIGHT	AGC LEVEL	0~255
		DEFAULT			
WHITE BALANCE	ATW				
	AWC -> SET				
	INDOOR				
	OUTDOOR				
	MANUAL	BLUE			0~100
		RED			0~100
DAY & NIGHT	COLOR				
	B/W	IR SMART	OFF		
			ON	LEVEL	0~15
		AREA			
		IR PWM			0~100
	EXT	D->N (DELAY)			0~60
		N->D (DELAY)			0~60
	AUTO	D->N (AGC)			2~255
		D->N (DELAY)			1~60
		N->D (AGC)			1~254
N->D (DELAY)				1~60	

SETUP MENU	SUB MENU1	SUB MENU2	SUB MENU3	SUB MENU4	VALUE
<b>NR</b>	2DNR				OFF, LOW, MIDDLE, HIGH
<b>SPECIAL</b>	MIRROR				OFF, MIRROR, V-FLIP, ROTATE
	DPC	LIVE DPC	OFF		
			ON	AGC LEVEL	0~255
				LEVEL	0~100
		WHITE DPC	OFF		
			ON	POS/SIZE	
				START	
				DPC VIEW	ON, OFF
				LEVEL	0~60
				AGC	0~14
		BLACK DPC	OFF		
			ON	POS/SIZE	
				START	
				DPC VIEW	ON, OFF
				LEVEL	0~60
	LANGUAGE				ENG, CHN1, CHN2, GER, FRA, ITA, SPA, POL, RUS, POR, NED, TUR, JPN
<b>ADJUST</b>	SHARPNESS	OFF			
		AUTO	LEVEL		0~10
			START AGC		0~255
			END AGC		0~255
	MONITOR	GAMMA			0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00, USER
		BLUE GAIN			0~100
		RED GAIN			0~100
	LSC				ON, OFF
	OUTPUT MODE	FORTMAT			AHD, CHD, THD
		FRAME RATE			25P, 30P
<b>EXIT</b>	SAVE & END				Exit SETUP menu without saving
	RESET				Reset to factory setting
	NOT SAVE				Exit SETUP menu after saving