

# AHR-NF736-2.8Q

## AHD2.0 OUTDOOR CAMERA

PARANTEK

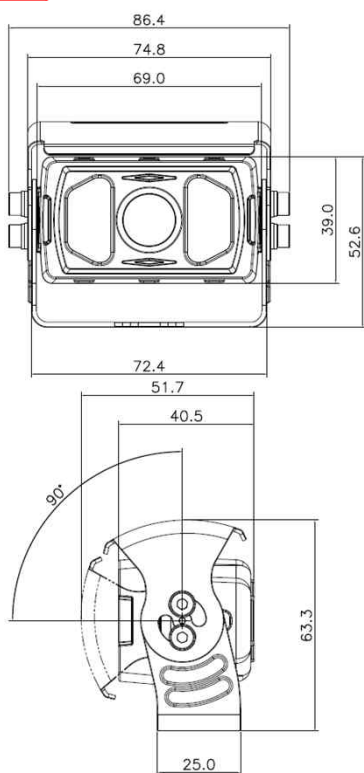


### Main Features

- 1/2.9" 2.8μm Sony Exmor Progressive CMOS Sensor
- 2 Mega Pixels (1080p 25/30)
- Manual Fixed Lens (f=2.8mm)
- 12pcs LED (940nm)
- UTC Supported
- AHD2.0 Camera (Universal Analog HD Video Formats)
- Wide Operating Voltage Range (DC12~24V)
- Weather-proof Housing (IP66)



### Dimension



### Specifications

Model	AHR-NF736-2.8Q
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	2.24M [2000(H)x1121(V)]
Active Pixels	2.12M [1936(H)x1097(V)]
Min. Illumination	0.5Lux(F2.5 – 30IRE), 0Lux(IR on)
No. of IRED	12pcs of 940nm LED
Video Out (RCA)	AHD: 1080p@25/30
Lens	Fixed f=2.8mm, F2.5
Lens (Mount)	Board type (M12)
Angle of View	118.5°(D), 100° (H), 57°(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, HSBL
Day & Night Mode	AUTO, COLOR, B/W, EXT
Gain Control	AGC (1~15)
Electronic Shutter	1/50(60)~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	N/A
Power Source	DC 12~24V
Power Consumption	Less than 1.7 Watts (140mA@DC12V)
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)
Size (mm)	69(W) x 39(H) x 40.5(D)
Weight	332g (gift-box packing)

### Option

- Lens  
(f=3.6mm, 4mm, 6mm, 8mm, 12mm, 16mm, 25mm)
- LED (850nm, White LEDs)

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