

ACS-T2R1(-O)

MINI BOX CAMERA

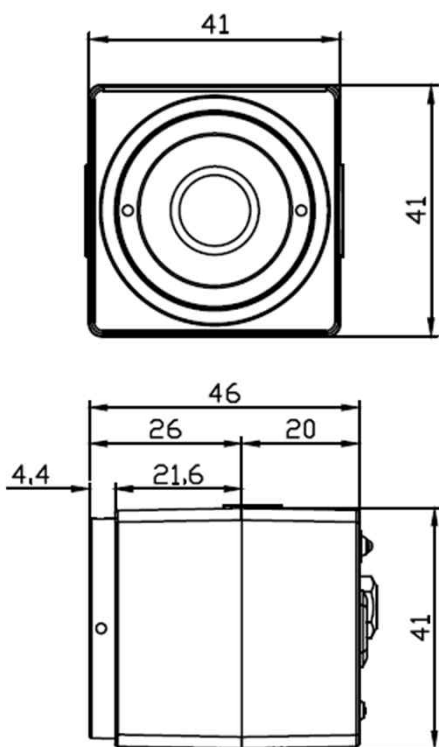


Main Features

- 1/3" 960H Sharp CCD Sensor
- Approx. 520K/610K Pixels (700 TV Lines)
- C / CS Lens Mountable
- TDN ICR Mechanism
- OSD Available (Option)
- UART Available (Option)
- 3D-DNR / DSS(Sense-up) Supported
- Box Miniature Housing (41x41mm)



Dimension



Specifications

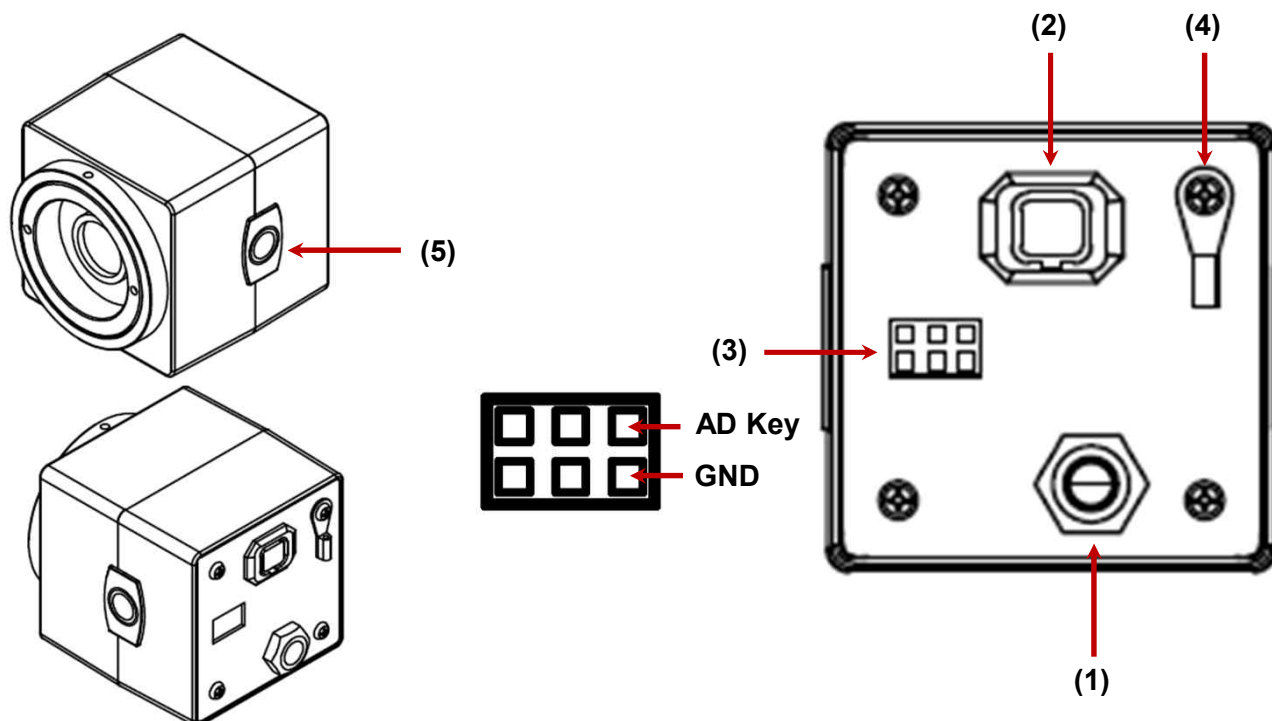
Model	ACS-T2R1N / ACS-T2R1N-O	ACS-T2R1P / ACS-T2R1P-O
Signal System	NTSC	PAL
Pickup Device	1/3"(D-6mm) 960H Sharp CCD	
Scanning System	2:1 Interlace	
Sync. System	Internal	
Total Pixels	520K [1020(H)x508(V)]	610K [1020(H)x596(V)]
Effective Pixels	480K [976(H)x494(V)]	570K [976(H)x582(V)]
Scanning Frequency	59.94Hz(VD)	50Hz(VD)
Min. Illumination	0.06Lux(F2.5 - 30IRE), 0.0001Lux(DSS on)	
TDN ICR	Yes	
H-Resolution	700TV Lines(H)	
S/N Ratio	More than 50dB (AGC off)	
Video Out (BNC)	1.0 Vp-p Composite (75Ω)	
Lens	Option	
Lens (Mount)	C / CS type	
OSD	Option (via AD Type OSD Port & OSD Cable)	
Camera Title	Off, On(Max. 8 Characters)	
Language	English, Chinese(Traditional), Chinese(Simplified), Japanese, Russian, Spanish, German, French	
Exposure	DC, Manual	
White Balance	ATW, Push, Manual	
BLC	Off, BLC, HLC	
Day & Night Mode	Auto, Color, B/W, EXT	
Gain Control	AGC (Off, Low, Middle, High)	
Electronic Shutter	1/60~1/120,000sec	1/50~1/120,000sec
DSS(Sens-up)	Off, On(Max. x512)	
Noise Reduction	3DNR (Off, Low, Middle, High)	
Mirror	Off, On(Mirror)	
Other Features	Motion Detection(4 Zones), Privacy Mask(8 Zones), Defog, Neg. Image, Lens Shading etc.	
Communication	Available (RS232C UART)	
Power Source	DC 7~15V	
Power Consumption	Less than 1.2Watts (100mA@DC12V)	
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)	
Size (mm)	41(W) x 41(H) x 46(D)	
Weight	162g (Giftbox Packing)	

Option

- Lens (CS)
 - 2.8~12mm
 - 5~50mm
- M12 Connector Cable

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(1) Cable Out

4.5phi Cable output: DC Power Input, Video Output, OSD, etc.

(2) DC IRIS

DC IRIS lens connector

(3) OSD & Etc.

AD type OSD key input, Reserved port

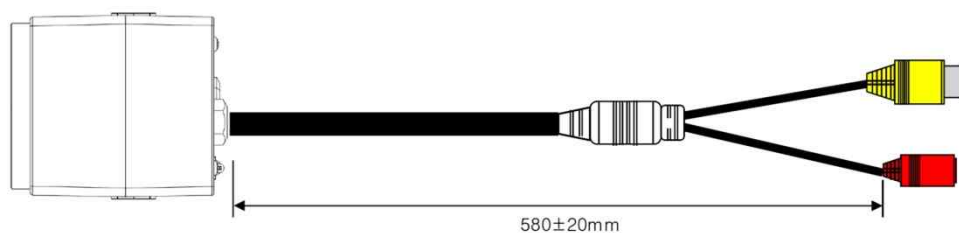
(4) Earth Connection

Any of the four flathead screws can be used for the earth connection if needed

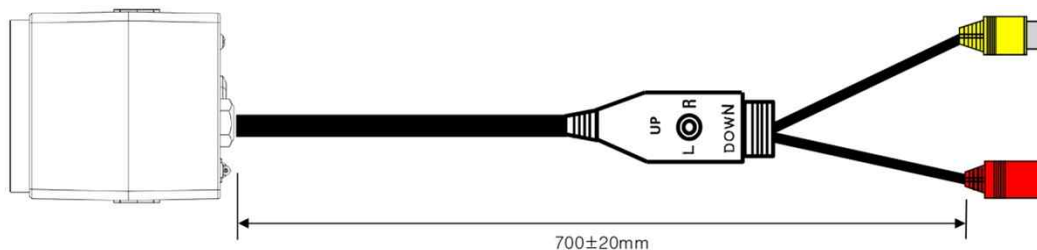
(5) Camera Mounting / Fixing Holes

1/4" UNC 20 * 2ea, Available for Side-to-side or Up-down positions

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SETUP MENU	SUB MENU 1	SUB MENU 2	SUB MENU 3	VALUE
EXPOSURE	ELC / ALC	LENS		ALC/ELC
		BRIGHTNESS		0~20
		SHUTTER		AUTO, 1/60(1/50), 1/100(1/120), 1/250, 1/500, 1/700, 1/1,000, 1/1,600 1/2,500, 1/5,000, 1/7,000, 1/10,000, 1/30,000, 1/60,000, 1/120,000
		FLK		OFF / ON
		AGC	OFF	
			ON	1~20 (15)
		SENS UP		OFF, X2, X3, X4, ~ X512
		RETURN		
DAY / NIGHT	AUTO	MODE		AUTO / DAY / NIGHT / EXTERN
		AGC THRS		0~20
		AGC MARGIN		0~20
		D/N DELAY		0 SEC ~ 15 SEC
		B/W BURST		OFF / ON
		SMART IR	SAT. LEVEL	0~20
	DAY	MODE		AUTO / DAY / NIGHT / EXTERN
	NIGHT	MODE		AUTO / DAY / NIGHT / EXTERN
		B/W BURST		OFF / ON
		SMART IR	SAT. LEVEL	0~20
	EXTERN	MODE		AUTO / DAY / NIGHT / EXTERN
		EXTERN S/W		HIGH / LOW
		D/N DELAY		0 SEC ~ 15 SEC
		B/W BURST		OFF / ON
		SMART IR	SAT. LEVEL	0~20
WHITE BAL.	ATW			
	PUSH			Press Enter(Set) Key
	MANUAL	RED		0~20
		BLUE		0~20
DISPLAY ADJ.	GAMMA			0.35 / 0.40 / 0.45 / 0.50 / 0.55 / 0.60 / 0.65 / 0.70
	CHROMA			0~20
	SHARPNESS			0~20
	SHADING			0~20
	RETURN			
IMAGE	BACKLIGHT	OFF		
		BLC	LEVEL	LOW / MIDDLE / HIGH
			DISPLAY	OFF / ON
			TOP	0~54 (12)
			BOTTOM	1~55 (43)
			LEFT	0~217 (50)
			RIGHT	1~218 (168)
			ENTER	RETURN, INITIAL
		HLC	LEVEL	LOW / MIDDLE / HIGH

SETUP MENU	SUB MENU 1	SUB MENU 2	SUB MENU 3	VALUE
IMAGE	CONTRAST	OFF		
		D-WDR	MODE	OFF / D-WDR / DEFOG
			D-WDR	AUTO / MANUAL
			LEVEL	LOW / MIDDLE / HIGH
		DEFOG	MODE	OFF / D-WDR / DEFOG
			DEFOG	AUTO / MANUAL
			LEVEL	LOW / MIDDLE / HIGH
	POSI/NEGA			POSI / NEGA
	FREEZE			OFF / ON
	H-MIRROR			OFF / ON
	PRIVACY	OFF		
		ON	MASK LV	BLUE / RED / CYAN / MAGENTA / BLACK / GRAY-1 / GRAY-2 / GRAY-3 / GRAY-4 / WHITE / YELLOW / GREEN
			AREA NO.	1~8
			DISPLAY	OFF / ON
			TOP	0~61
			BOTTOM	1~62
			LEFT	0~238
			RIGHT	1~239
	RETURN			
DNR				LOW / MIDDLE / HIGH
MOTION	OFF			
	ON	SENSITIVITY		0~30
		AREA NO.		1~4
		AREA USE		OFF / ON
		TOP		0~54
		BOTTOM		1~55
		LEFT		0~217
		RIGHT		1~218
		ENTER		
SYSTEM	CAM TITLE	OFF		
		ON		0~9, A~Z, blank (8 Characters)
	CAM ID			0~255
	ID DISP.	OFF / ON		
	BAUDRATE			2400, 4800, 9600, 57600, 115200
	LANGUAGE			English / Chinese(Traditional) / Chinese(Simplified)
	SPECIAL	DEFECT DET.		
		FONT COLOR		1~8
		VERSION		
		IRIS OFFSET		
		RETURN		
	RETURN			
EXIT				SAVE / RESTORE / INITIAL