

ACS-T2R0

STANDARD BOX CAMERA

PARANTEK

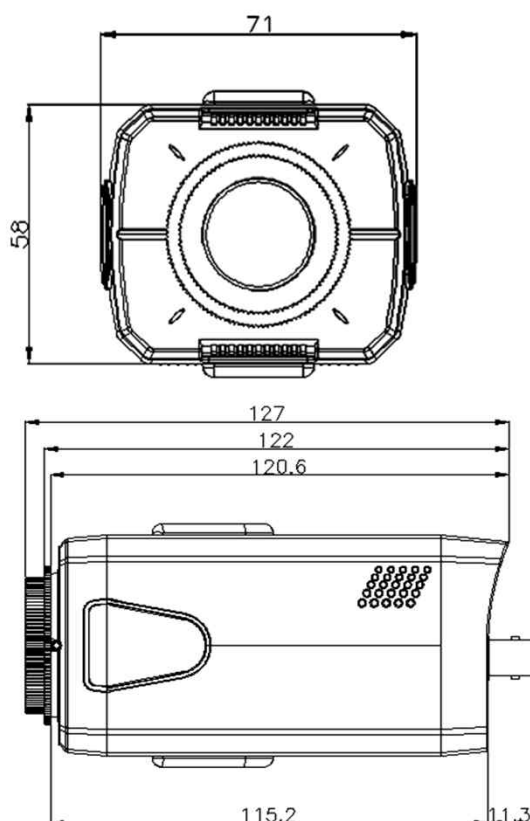


Main Features

- 1/3" 960H Sharp CCD Sensor
- Approx. 520K/610K Pixels (700 TV Lines)
- C / CS Lens Mountable
- TDN ICR Supported
- 3D-NR / DSS(Sense-up) Supported
- OSD Available



Dimension



Option

- Dual Voltage (DC12V & AC24V)
- Lens (CS)
 - 2.8~12mm
 - 5~50mm

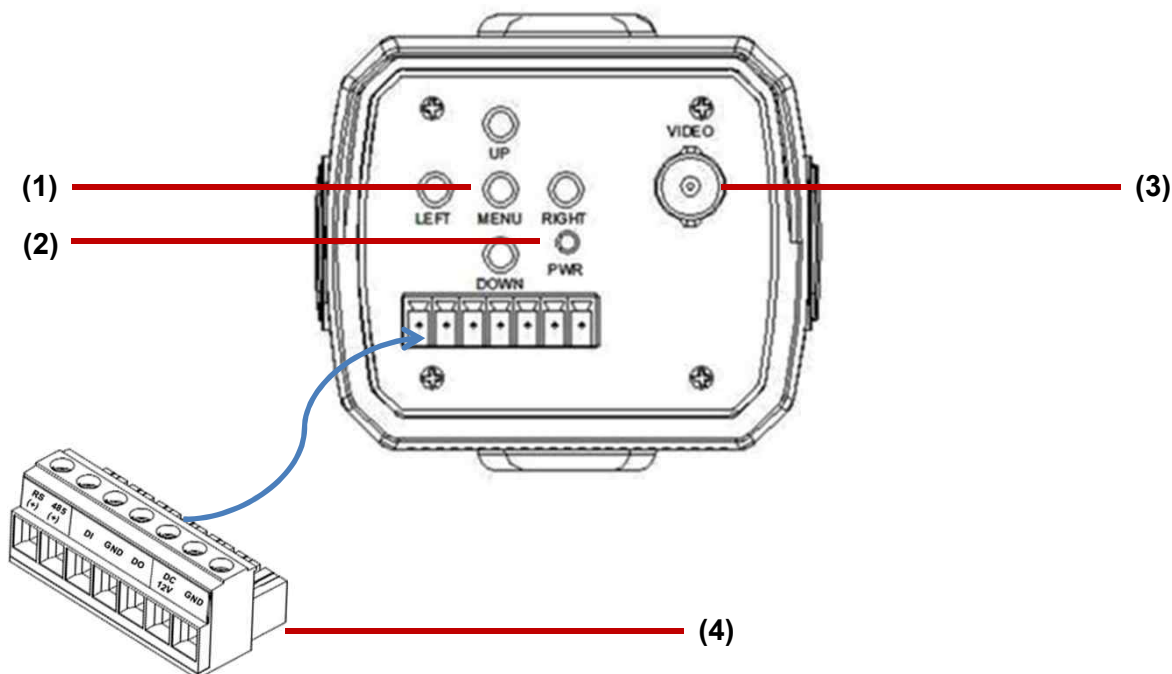
Specifications

Model	ACS-T2R0N	ACS-T2R0P
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), 0.03(ICR on), 0.0001Lux(DSS on)	
TDN ICR	Yes	
H-Resolution	700TV Lines(H)	
S/N Ratio	More than 52dB (AGC off)	
Video Out (BNC)	1.0 Vp-p Composite (75Ω)	
Lens	Option	
Lens (Mount)	C / CS type	
OSD	OSD Switch	
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.	
Serial	RS485 (RX)	
Power Source	DC 7~15V	
Power Consumption	Less than 1.2Watts (100mA@DC12V)	
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)	
Size (mm)	71(W) x 58(H) x 127(D)	
Weight	420g (Giftbox Packing)	

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

ACS-T2R0 QUICK MANUAL



(1) Function Setup Switch

By pressing 'MENU' key, display the camera OSD menu on the screen. Use direction keys(UP, DOWN, LEFT, RIGHT) to move the cursor in order to confirm status or changing a selected item.

(2) Power Lamp

This green/red lamp is lit when the camera is receiving power normally.

(3) Video Out Connector

Sends Analog video signal and connects to the video input terminal of the CVBS monitor or DVR

(4) Multi-port Terminal

Connect to the power and External D&N port properly.
RS485 is not supported.

