

■ Specification

Model	CC-4707WS-21
Pick up Element	1/4" Aptina 1.0MP CMOS Sensor
Effective Picture Elements (H×V)	NTSC:976(H)×494(V)
Horizontal Resolution	720 TV Line
Minimum Illumination	0.001 Lux/F1.2 0Lux (with IR LED ON)
S/N Ratio	More than 50dB
Scanning System	2:1 interface
Synchronous System	Internal, Negative sync.
Auto Electronic Shutter	NTSC: 1/60s~1/100,000s
Gama Characteristic	0.45
IR Distance	65 FT (with ϕ 5X21 PCS Infrared LED)
Video Output	1Vpp, 75 Ω
Auto Gain Control	Auto
Power/Current	DC12V(+/-10%)/500mA
Lens	2.8-12mm Manual Zoom Lens
Dimension (in)	ϕ 5.1x3.9(H)
Weight (lb)	1.66
Storage Temperature	-22°F~140°F RH95% MAX
Operating Temperature	14°~140°F RH95% MAX

■ Packing List

No	Name	Model	Number
1.	Indoor IR Dome Color Camera	CC-4707WS-21	1
2.	User Guide	CC-4707WS-21	1

CC-4707WS-21 Color Camera

Indoor IR Dome Color Camera



NOTE:
Please read this guide
BEFORE installing

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BRIEF OF PRODUCT

* Sensor (CCD)

1/4" Aptina 1.0MP CMOS Sensor

* Auto Gain Control (AGC)

Built-in auto gain control (AGC) circuit. The color camera can get high definition picture in low Lux condition.

* Scanning Mode

NTSC or PAL mode.

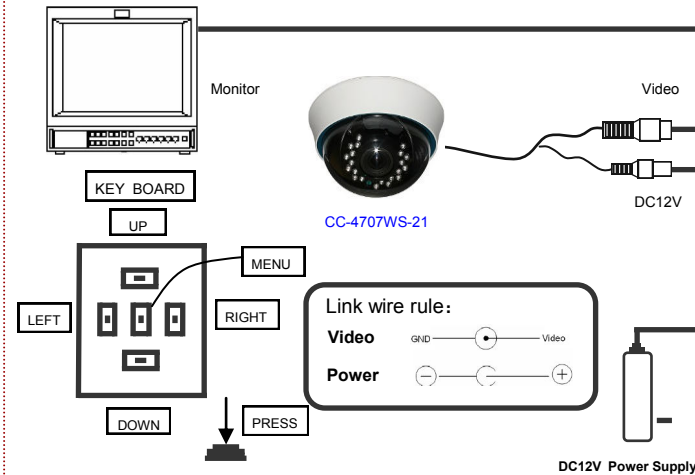
* Support UTC function

With UTC Remote Controller for the convenience of OSD menu setting.

* OSD SETTING

OSD SET	SCENE SELECT	FULL AUTO	SHUTTER/AGC WHITE BAL HLC/BLC ATR-EX DNR DAY/NIGHT IR OPTIMIZER LENS SHD COMP DEFOG FLK LESS ANTI CR
		INDOOR	
		OUTDOOR	
		BACKLIGHT	
		ITS	
		CUSTOM	
	PICT AD- JUST	BRIGHTNESS	
		CONTRAST	
		SHARPNESS	
		HUE	
	EZOOM	COLOR GAIN	
		MAG	0-255
		PAN	
	DIS	TILT	
		ON/OFF	
	PRIVACY MASK	AREA SEL	1-15
		DISPLAY	ON/OFF
		POSITION	
		COLOR	8
		TRANSP	0-1
	MOTION DET	MOSAIC	ON/OFF
		DETECT SENSE	
		INTERVAL	
		BLOCK DISP	
		MASK AREA	
	SYSTEM SETTING	MONITOR AREA	
		SYNC MODE	
		LENS	
		FLIP	
		LCD/CRT	
	LANGUAGE	COMMUNICATION	
		CAMERA ID	
	MAINTENANCE	ENGLISH, JAPANESE, CHINESE, RUSSIAN, FRENCH, GERMAN, SPANISH, PORTUGUESE	
		W.PIX MASK	
		CAMERA RESET	

CONNECTING



TROUBLE AND SOLUTION

TROUBLESHOOTING	
NO VIDEO	<p>◆ <u>Power</u> <u>Supply</u> Check input power connections at the terminal (AC/DC input wires)</p> <p>◆ <u>Voltage</u> <u>Range</u> Measure the voltage at the terminal block. The supply range is: 12VDC.</p> <p>◆ <u>Video</u> <u>Connection</u> Determine if wiring polarity at "Video Connector" is correct.</p> <p>If ok, the problem may be with the interconnections/splices.</p>
ROLLING PICTURE	<p>◆ Check to make sure the coax shield is not touching "ground"</p>
POOR PICTURE	<p>◆ Ensure that the video cable is terminated with 75 ohms at each end.</p>

INTRODUCTION

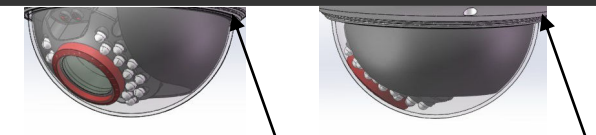
The Crest Electronics CC-4707WS-21 camera is based on the latest high-resolution 960H sensor and is capable of delivering a resolution of 720TVL. The Wide Dynamic Range of the sensor allows the camera to capture detailed images even in challenging lighting conditions. With built in Smart IR, varifocal lens and OSD menu, this camera can be adjusted to suit a wide variety of needs.

Please read this instruction manual carefully to ensure proper use of the camera.



NOTICE: For best results, please read this instruction booklet prior to installing the CC-4707WS-21 camera.

INSTALLATION NOTES



During installation, please make sure the lens seal ring is tightly fitted to the cover; this reduces the chance of IR reflection during low light viewing.

!	CAUTION: RISK OF ELECTRIC. DO NOT OPEN	⚡
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER OR BACK. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		
CAUTION: CSA CERTIFIED/UL LISTED CLASS 2 POWER ADAPTORS MUST BE USED IN ORDER TO COMPLY WITH ELECTRICAL SAFETY STANDARDS.		



Note:

- Please note the camera's operating temperature is -4°F~140°F. Use of the product outside this range is not recommended.
- This installation should be made by a qualified service person and conform to all local codes. Crest Electronics will not be responsible for damages or injuries as a result of improper installation.