



INFRARED CAMERAS

DAY / NIGHT

WEATHERPROOF, VARIFOCAL



MODELS CIR9212 - 12 VOLT
CIR9224 - 24 VOLT

CAPABILITIES & FEATURES

- 1/3" SONY HIGH RESOLUTION ExVIEW HAD DSP COLOR CHIP
- 480 TV LINES
- AUTOMATIC LED ON/OFF BY CDS SENSOR
- RUST-FREE HOUSING & NON-STRETCHABLE WATERPROOF CABLE
- WATERPROOF DESIGN (IP 67 RATING)
- 100% WEATHERPROOF
- LONG LASTING LED LIFESPAN (SPECIALLY DESIGNED POWER BOARD)
- INVISIBLE LED AVAILABLE FOR COVERT USE
- REVERSE POLARITY POWER PROTECTION BOARD
- AVAILABLE IN 12 VOLT OR 24 VOLT AC AND LINE LOCK
- USES A CUSTOM UNIVERSAL ANGLE BRACKET (SUPPORTING 20 LBS. OF PRESSURE)

RECOMMENDED POWER SUPPLIES FOR CIR9212:
CVA3120 / CVA1209

RECOMMENDED POWER SUPPLIES FOR CIR9224:
CVA2420 / CVA0090 / CVA0160

SPECIFICATIONS

ITEM	CIR9212	CIR9224
PICKUP DEVICE	1/3" Sony High Resolution ExView HAD DSP Color Chip	
TV TYPE	NTSC 510 H x 492 V	
SYNC SYSTEM	Internal	
SCANNING SYSTEM	525 lines / 2:1 interlace	
HORIZONTAL RESOLUTION	480 TV Lines	
NUMBER OF LEDs	49 invisible LEDs	
MINIMUM ILLUMINATION	0.5 lux at F2.0 without LED 0 lux at F2.0 with LED	
BACKLIGHT COMPENSATION	Automatic	
VIDEO OUTPUT	1.0 Vp-p, Termination 75Ω	
LENS	4-9mm Varifocal Manual Zoom / F1.6-F2.4	
VIDEO S/N RATIO	More than 50dB (AGC off)	
ELECTRONIC IRIS (AUTO)	1/60 - 1/100,000 sec.	
LED SPECTRUM	940nm, 30° invisible (standard)	
SMEAR EFFECT	0.005%	
GAMMA CORRECTION	R = 0.45	
LENS	3.6mm (92°) standard	
WHITE BALANCE	Auto 2100°K ~ 8200°K	
GAIN CONTROL	Auto. 4d ~32dB	
MTBF	80,000 hours	
OPERATING TEMPERATURE	14°F to 122°F (-10°C to 50°C)	
OPERATING HUMIDITY	Within 90% RH	
OUTPUT TERMINAL	4 Foot DIY cable with BNC-Female for Video and DC Jack - Male for Power	
POWER	12 VDC Regulated Power Input	24 VAC Regulated Power Input
OPERATING CURRENT	More than 220-240mA with LED on, 100mA with LED off	
MEASUREMENT (DIAMETER x LENGTH)	2.75" x 3.93" 70mm x 100mm	
WEIGHT	1.1 lbs.(500 g)	

Specifications subject to change without notice