

1/3" CCD High sensitivity

DSP IR camera

CPT-IRC72 HD series

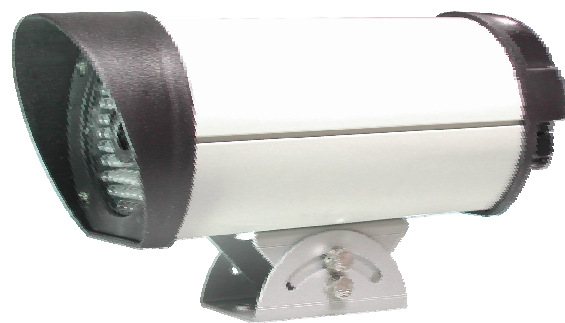
SPECIFICATION

Application	Outdoor IP66
Image sensor	Color 1/3" Super HAD CCD
Scanning system	2:1 Interlace scanning
Scanning frequency	NTSC: Hor15,734Hz x Ver59.94Hz,60Hz Line lock PAL: Hor. 15,625Hz x Ver. 50Hz, 50Hz Line lock
Picture elements	NTSC: 811(H) x 508(V), PAL : 795(H) x 596(V)
Resolution	CVBS 520TVL
Sensitivity (AGC on)	0.01 Lux at F1.2, 0 Lux under IR illumination
S/N Ratio	>58dB (AGC off, AESC off, Y sig.)
Auto Electronic shutter	1/50(60) ~ 1/100,000 second
Back Light Compensation	256 detection area + enhanced center compenstn.
Auto Gain Control (AGC)	+ DSP 18dB
White Balance adaptation	Auto White Balance: 2400°K~12000°K
Picture aperture	Hor. 2H, Ver. 2V Enhancement
Synchronization	Internal.
Video Output	1.0 Vp-p, 75ohm BNC
Gamma	0.45
Visible spectrum	240nm ~ 1,200nm
D.S.P. memory format	16 Bit 256 word
D.S.P. converter ratio	10 Bit (A/D), 10Bit (D/A)
D.S.P. storage device	EEPROM
Power voltage	DC 12 or AC24V or AC85~265V
Power consumption	10W, 500mA
Casing structure	Aluminum alloy
Dimension & weight	108(Ø) x 270(L) x 148(H) mm, 1.5Kg
Ambient Temperature	Operating: -15°C ~ +60°C, Storage: -30°C~ +70°C
Ambient Humidity	0 to 95% relative, non-condensing.

IR LAMP

Light Source	IR LED , Spectrum: 840nm ~ 940nm
Illumination distance	50 meter
Light sensor	CDS sensitivity Adjustable to activate LED
MTBF	10,000 hours

Lens focus	Viewing Angle	4.0mm	6.0mm	8.0mm	12.0mm	16.0mm
Horizontal		45°	38°	31°	22°	14°
Vertical		33°	29°	24°	16°	10°
Diagonal		57°	48°	38°	27°	15°



Features & Characteristic:

- * High resolution 50 meter IR camera, Outdoor IP65
- * Built with color 1/3" Super HAD
- * High sensitivity 0.01 lux.
- * High Resolution 520 TVL resolution
- * Easy installation & adjustment design:
- * DSP (Digital Signal Processing) Video quality.
- * Image framing into 256 backlight detection area.
- * Center image compensation enhancement.
- * Auto electronic shutter, AGC, AWB, BLC
- * Super dynamic range processing between light & dark area, suitable under IR illumination.
- * Strong image sensor to prevent light over flow.
- * Auto gain under dark area to prevent noise.
- * Built with smart processor chipset capable of Independent gain control between Day & Night.

Model # description w/ Fixed iris

CPT-IRC7203 HD	3.6 mm	CPT-IRC7208 HD	8mm
CPT-IRC7204 HD	4 / 4.3 mm	CPT-IRC7212 HD	12mm
CPT-IRC7206 HD	6mm	CPT-IRC7216 HD	16mm

Model # description w/Auto iris Lenses

CPT-IRC7203A H	3.5 mm AI
CPT-IRC7206A H	6.0 mm AI
CPT-IRC7212A H	12.0 mm AI
CPT-IRC7216A H	16.0 mm AI