

1/3" CCD High sensitivity
DSP B/W camera

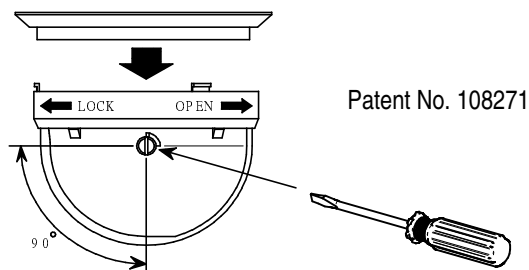
CPT-8937

SPECIFICATION

Image sensor	B/W 1/3" CCD
Scanning system	2:1 Interlace scanning
Scanning frequency	EIA : Hor15,734Hz x Ver59.94Hz,60Hz Line lock CCIR: Hor. 15,625Hz x Ver. 50Hz, 50Hz Line lock
Picture elements	EIA : 537(H) x 505(V), 525 lines 60Hz CCIR: 537(H) x 597(V), 625 lines 50Hz
Resolution	CVBS 450TVL
Sensitivity (AGC on)	0.02 Lux at F1.2, 0 Lux under IR illumination
S/N Ratio	>50dB (AGC off, AESC off, Y sig.)
Auto Electronic shutter	1/50(60) ~ 1/100,000 second
Back Light Compensation	64 detection area + enhanced center compenstr.
Auto Gain Control (AGC)	Up to 60 dB = ALC + Sample 32dB
Low Gain Control	28 dB
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
Power voltage	DC 12V
Power consumption	2W, <100mA
Casing structure	UL-94VO special fire proof, break resistant.
Dimension & weight	106(Ø) x 76(H) mm, 280 g.
Ambient Temperature	Operating: -15°C~ +60°C, Storage: -30°C~ +70°C
Ambient Humidity	0 to 95% relative, non-condensing.
Geometric distortion	None

Lens focus Viewing Angle	2.1mm	2.5mm	2.9mm	3.6mm	4.3mm
Horizontal	110°	104°	96°	73°	62°
Vertical	93°	78°	72°	55°	45°
Diagonal	150°	130°	120°	92°	78°

Lens focus Viewing Angle	6.0mm	8.0mm
Horizontal	45°	31°
Vertical	33°	24°
Diagonal	57°	38°



Features & Characteristic:

- * Compatible to optional Varifocal 4~8mm, Auto iris lens
- * Built with 1/3" CCD, High sensitivity 0.02 lux.
- * Resolution 420 TVL resolution.
- * Easy installation & adjustment design:
External view angle adjustable Hor.350°, Ver.90°.
- * Fire proof casing UL material, Break resistant, suitable for public places safety surveillance.
- * Image framing into 64 backlight detection area.
- * Center image compensation enhancement.
- * Auto electronic shutter, AGC, AWB.
- * Optional Audio microphone.
- * Super dynamic range processing between light & dark area, suitable under IR illumination.
- * Strong image sensor to prevent light over flow.
- * Built with smart processor chipset capable of Independent gain control between Day & Night.

Model # description

EIA system:	CCIR system:	
CPT-8937	CPT-8937P	= DC12
CPT-8937 /AIZ	CPT-8937P AIZ	= with Varifocal Auto iris lens
CPT-8937 /A	CPT-8937P A	= with Audio microphone