

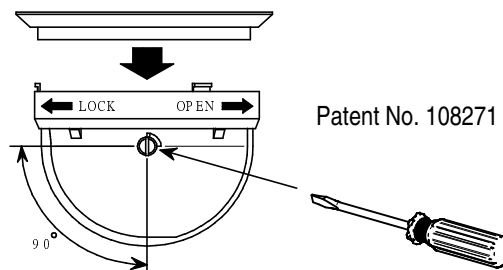
1/3" Ex-view CCD Star light sensitivity, High resolution
DSP color Dome camera

CPT-CDH8066

SPECIFICATION

Image sensor	Color 1/3" Ex-view 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), 525 lines 60Hz PAL: 795(H) x 596(V), 625 lines 50Hz
Resolution	CVBS 500TVL
Sensitivity (AGC on)	0.005 Lux at F1.2, 0 Lux under IR illumination
S/N Ratio	>55dB (AGC off, AESC off, Y sig.)
Auto Electronic shutter	1/50(60) ~ 1/100,000 second
Flicker Less	Start: 1/100 sec., Off: Low shutter 1/50(60) sec.
Back Light Compensation	256 detection area + enhanced center compenstr.
Auto Gain Control (AGC)	Up to 65 dB = ALC + Sample 32dB + DSP 28dB
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	8 Bit (A/D), 10Bit (D/A)
D.S.P. storage device	EEPROM
Power voltage	DC 12
Power consumption	2W, 150mA
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.

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" Ex-view CCD
- * High sensitivity 0.005 lux.
- * High resolution 500 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.
- * DSP (Digital Signal Processing) Video quality.
- * Image framing into 256 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

NTSC system:	PAL system:	
CPT-CDH8066	CPT-CDH8066P	= DC12
CPT-CDH8066 /DN	CPT-CDH8066P /DN	= Auto B/W switching under low lux
CPT-CDH8066 /IR	CPT-CDH8066P /IR	= with IR pass crystal
CPT-CDH8066 /AIZ	CPT-CDH8066P /AIZ	= with Varifocal Auto iris lens
CPT-CDH8066 /A	CPT-CDH8066P /A	= with Audio microphone