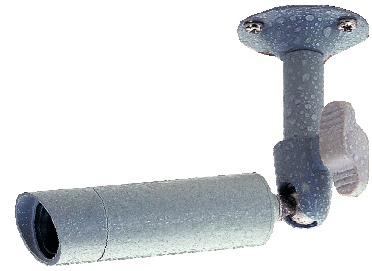


1/3" CCD Pipe type weather proof High sensitivity  
DSP color camera

# CPT-CD22

## SPECIFICATION

<b>Image sensor</b>	<b>Color 1/3" CCD</b>
<b>Scanning system</b>	2:1 Interlace scanning
<b>Scanning frequency</b>	NTSC: Hor15,734Hz x Ver59.94Hz,60Hz Line lock PAL: Hor. 15,625Hz x Ver. 50Hz, 50Hz Line lock
<b>Picture elements</b>	NTSC: 537(H) x 505(V), 525 lines 60Hz PAL : 537(H) x 597(V), 625 lines 50Hz
<b>Resolution</b>	<b>CVBS 400TVL</b>
<b>Sensitivity (AGC on)</b>	<b>0.08 Lux at F1.2,</b> 0 Lux under IR illumination
<b>S/N Ratio</b>	>50dB (AGC off, AESC off, Y sig.)
<b>Auto Electronic shutter</b>	1/50(60) ~ 1/100,000 second
<b>Back Light Compensation</b>	64 detection zone + enhanced center compenstn.
<b>Auto Gain Control (AGC)</b>	Up to 65 dB = ALC + Sample 32dB + DSP 28dB
<b>White Balance adaptation</b>	<b>Auto White Balance:</b> 2400°K~12000°K
<b>Picture aperture</b>	Hor. 2H, Ver. 2V Enhancement
<b>Synchronization</b>	<b>Internal</b>
<b>Video Output</b>	1.0 Vp-p, 75ohm BNC
<b>Gamma</b>	0.45
<b>D.S.P. memory format</b>	16 Bit 256 word
<b>D.S.P. converter ratio</b>	8 Bit (A/D), 10Bit (D/A)
<b>D.S.P. storage device</b>	EEPROM
<b>Lens mounting</b>	Internal 4.3 mm
<b>Lens structure</b>	5 groups, 5 pieces, glass
<b>Vision angle</b>	Hor. 62°, Ver. 45°, Diagonal 78°
<b>Power voltage</b>	DC 12
<b>Power consumption</b>	2W, 110mA
<b>Casing structure</b>	Aluminum alloy, Ivory color
<b>Bracket</b>	Adjustable position Hor. 360°, Ver. 90°
<b>Dimension &amp; weight</b>	21(Ø) x83(L) mm, 76 g.
<b>Ambient Temperature</b>	Operating: -15°C ~ +60°C, Storage: -30°C~ +70°C
<b>Ambient Humidity</b>	0 to 95% relative, non-condensing.
<b>Geometric distortion</b>	None



### Features & Characteristic:

- \* Built with 1/3" color CCD
- \* High sensitivity 0.08 lux, 400 TVL resolution.
- \* Easy installation & adjustment design.
- \* External adjustment Hor. 360°, Ver. 90°
- \* Weather proof, additional mounting bracket, & sunshield design.
- \* DSP (Digital Signal processing) video quality
- \* Image framing into 64 detection area & center compensation enhancement.
- \* Auto electronic shutter, Auto back light compensation & Auto picture enhancement.
- \* Auto white balance
- \* Multi level gain setting, up to 65dB gain value.
- \* Strong image sensor to prevent light over flow.
- \* Built with smart processor chipset capable of Independent gain control between Day & Night.

### Model # description

<b>NTSC system:</b>	<b>PAL system:</b>	
CPT-CD22	CPT-CD22P	= DC12