

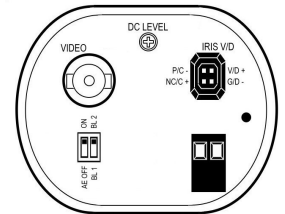
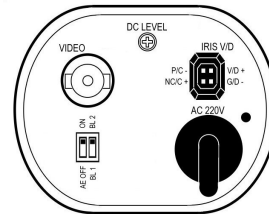
1/3" CCD High sensitivity

DSP color camera

# CPT-CD32

## SPECIFICATION

<b>Image sensor</b>	<b>Color 1/3" CCD</b>
<b>Scanning system</b>	2:1 Interlace scanning
<b>Scanning frequency</b>	NTSC: Hor. 15,734Hz x Ver. 59.94Hz PAL : Hor. 15,625Hz x Ver. 50Hz,
<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 420TVL</b>
<b>Sensitivity (AGC on)</b>	<b>0.01 Lux at F1.2, 0 Lux under IR illumination</b>
<b>S/N Ratio</b>	>60dB (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 area + enhanced center compenstrn.
<b>Auto Gain Control (AGC)</b>	Up to 65 dB = ALC + Sample 32dB + DSP 28dB
<b>White Balance adaptation</b>	<b>Auto White Balance: 1800°K~11000°K</b>
<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 or 1.0
<b>Visible spectrum</b>	240nm ~ 1,200nm
<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>	C or CS mounting,
<b>Iris compatibility</b>	DC iris
<b>Power voltage</b>	DC 12 or AC 85V~AC 265V
<b>Power consumption</b>	1.2W, 100 mA
<b>Camera mount</b>	1/4" 20unc, Top or bottom mounting
<b>Casing structure</b>	Aluminum alloy, Ivory color
<b>Dimension &amp; weight</b>	62(W) x 52(W) x 110(L) mm, 350 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 color 1/3" CCD .
- \* High sensitivity 0.01 lux.
- \* Resolution 420 TVL .
- \* Super dynamic range processing between light & dark area, suitable under IR illumination.
- \* Multi level gain setting, up to 65dB gain value.
- \* 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.
- \* Multi level shutter & White balance setting.
- \* Back light compensation setting.
- \* Detection windows, Picture enhancement gamma value processing.
- \* Compatible to C or CS, DC iris Lens.

### Model # description

<b>NTSC system:</b>	<b>PAL system:</b>	
CPT-CD32	CPT-CD32P	= DC12
CPT-CD32 /AC	CPT-CD32P /AC	= AC85 ~ AC265V
CPT-CD32 /24	CPT-CD32P /DN	= AC24V
CPT-CD32 /IR	CPT-CD32P /IR	= With built in IR pass crystal
CPT-CD32 /A	CPT-CD32P /A	= With Audio microphone.