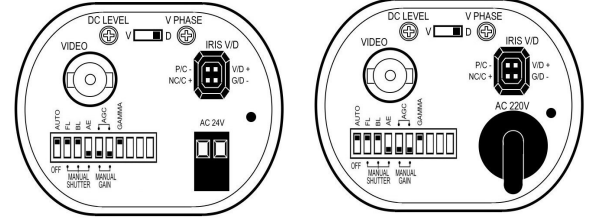


1/3" Super HAD CCD High sensitivity  
DSP B/W camera

# CPT-BX65

## SPECIFICATION

<b>Image sensor</b>	<b>B/W 1/3" Super HAD CCD</b>
<b>Scanning system</b>	2:1 Interlace scanning
<b>Scanning frequency</b>	EIA : Hor15,734Hz x Ver59.94Hz,60Hz Line lock CCIR: Hor. 15,625Hz x Ver. 50Hz, 50Hz Line lock
<b>Picture elements</b>	EIA: 811(H) x 508(V), 525 lines 60Hz CCIR: 795(H) x 596(V), 625 lines 50Hz
<b>Resolution</b>	<b>CVBS 600TVL</b>
<b>Sensitivity (AGC on)</b>	<b>0.001 Lux at F1.2,</b> 0 Lux under IR illumination
<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>Manual elect. shutter</b>	8 speed selection : 1/50(60), 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 second
<b>Flicker less</b>	START: 1/100 sec., OFF: 1/50(60) sec.
<b>Back Light Compensation</b>	256 detection area + enhanced center compenstr.
<b>Auto Gain Control (AGC)</b>	Up to 65 dB = ALC + Sample 32dB + DSP 28dB
<b>Manual Gain Control</b>	8 gain selection 0/6/10/12/18/22/26/28 dB
<b>Picture aperture</b>	Hor. 2H, Ver. 2V Enhancement
<b>Synchronization</b>	<b>Internal</b>
<b>Optional synchronization</b>	Linelock, Genlock, HD/VD
<b>Video Output</b>	1.0 Vp-p, 75ohm BNC
<b>Gamma</b>	Adjustable 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>	Video or DC iris , <b>Positioning:</b> AV~PX adjustable
<b>Power voltage</b>	DC 12~30V or AC 24V or AC 85V~AC 265V
<b>Power consumption</b>	3W, <200mA
<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) x52(W) x 110(L) mm, 335 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 B/W 1/3" Super HAD CCD..
- \* High sensitivity 0.001 lux, High resolution 600 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 & Flickerless setting.
- \* Back light compensation setting.
- \* Multi task of synchronization, detection windows, picture enhancement, gamma value processing.
- \* Rear panel DSP switches for easy setup.
- \* Compatible to C or CS, DC or Video iris Lens.

### Model # description

<b>EIA system:</b>	<b>CCIR system:</b>	
CPT-BX65	CPT-BX65P	= DC12
CPT-BX65 /AC	CPT-BX65P /AC	= AC85 ~ AC265V
CPT-BX65 /A	CPT-BX65P /A	= With Audio microphone

### Optional synchronization

CPT-BX65 /L	CPT-BX65P /L	= Linelock, AC mode
CPT-BX65 /G	CPT-BX65P /G	= Genlock, AC mode
CPT-BX65 /HV	CPT-BX65P /HV	= HD - VD lock, AC mode

### Special application

CPT-BX65 /M	CPT-BX65P /M	= Microscope application
CPT-BX65 /E	CPT-BX65P /E	= Back License Plate recognition
CPT-BX65 /E500	CPT-BX65P /E500	= Front License Plate recognition