

1/3" Super HAD Vandal proof High resolution
DSP color Dome camera

CPT-TV83 series

SPECIFICATION

Image sensor	Super HAD 1/3"
Scanning system	2:1 Interlace scanning
Picture elements	NTSC: 811(H) x 508(V) PAL: 795(H) x 596(V)
Resolution	CVBS 520TVL
Sensitivity (AGC on)	0.02 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
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, 100mA
Casing structure	Ultra hard grade aluminum w/ paint finish
Dimension & weight	146(Ø) x 105(H) mm, 875 g.
Ambient Temperature	Operating: -15°C ~ +60°C, Storage: -30°C~ +70°C
Ambient Humidity	0 to 95% relative, non-condensing.



Features & Characteristic:

- * Compatible to various Varifocal auto iris lenses
- * Resolution 520TVL resolution.
- * Easy installation & adjustment design: suitable for public places safety surveillance.
- * DSP (Digital Signal Processing) Video quality.
- * Auto electronic shutter, AGC, AWB,
- * 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.
- * Independent gain control between Day & Night.

Model # description w/ Fixed iris

CPT-TV832	2.1 / 2.5 / 2.9	CPT-TV836	6mm
CPT-TV832	3.6 mm	CPT-TV838	8mm
CPT-TV834	4 / 4.3 mm	CPT-TV8312	12mm

Model # description w/Auto iris Lenses

CPT-TV8338	3.5 ~ 8.0 mm
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