

DigiCam Surveillance

CPT58 1/3" Super HAD CCD High Sensitivity/Resolution DSP Pro 520 TV Lines Camera

Super high color resolution of 520 TV lines, and with a flip of a switch you can set the camera to b/w that offers 550 TV lines of resolution. This camera also has optional privacy masking of up to 8 zones. Privacy masking is the common term covering the need to restrict what can be seen by the camera. This camera supports a C or CS mounted lens.

FEATURES

- Super high resolution of 520TVL.
- Optional privacy masking up to 8 zones.
- Support mirror function.
- Support external synchronization I.e. LL/VS/VBS/VRHR.
- Semi automatic pre-AWB.
- Enhanced suppressed color rolling.
- Shutter + AGC Flickerless.
- 10 bit internal ADC.
- Analog output of composite + (optional YC).
- Manual switch - Color to B/W.
- Compatible to C or CS, DC iris lens.



SPECIFICATIONS

Image Sensor & Chipset :	Color 1/3" super HAD CCD
Scanning System :	2:1 Interlace scanning
Scanning frequency :	NTSC: Hor. 15,734Hz x Ver. 59.94Hz, 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:	Color 520TVL, B/W 550TVL
Sensitivity (AGC on) :	0.001 Lux at F1.2 , 0 Lux under IR illumination
S/N Ration :	65dB (AGC off, AESC off, Y sig.)
Auto Electronic shutter:	1/50 (60) ~ 1/100,00 second
Flicker less :	START: 1/100 sec, OFF: low 1/50 (1/60)
Back Light Compensation :	256 detection area + enhanced center compensation
Auto Gain Control (AGC) :	Up to 65 dB = ALC + Sample 32dB + DSP 28dB
White Balance Adaptation :	Auto tracking white balance: 1800° K ~18000° K Auto white control to lock color temperature
Synchronization :	Internal
Video Output :	1.0 Vp-p, 75ohm BNC Optional: Y/C output
Gamma :	Fixed 0.45
Visible Spectrum :	240nm ~ 1200nm
D.S.P. Memory Format:	16 bit, 256 word
D.S.P. Converter Ratio:	10 bit (A/D), 10 bit (D/A)
D.S.P. Storage Device :	EEPROM

Lens Mounting :	C or CS mounting
Iris Compatibility:	DC iris, Positioning: AV~PX adjustable
Power Voltage :	DC 12V
Power Consumption :	2W, <160mA
Camera Mount :	1/4" 20unc, Top or bottom mounting
Casing Structure :	Aluminum alloy, Ivory color
Dimension & Weight :	62(W) X 62(W) X 130(L)mm, 335g.
Ambient Temperature :	Operating: -15° C~ +70° C, Storage: -30° C~ +80° C
Ambient Humidity :	0 to 95% relative, non condensing

