

SURVEILLANCE

Grand Color DSP CCD Camera



The Grand DSP COLOR CCD CAMERA offer solid state performance incorporating a SHARP /SONY Super HAD CCD color image sensor. The advanced Digital Signal Processor (D.S.P.) ensure exceptional reliability and picture stability. Grand DSP COLOR CCD CAMERA are featured with adopt the newest Back Light Compensation (BLC) circuit for brighter picture . Micro processor provide high efficiency Auto White Balance functions.

Specification

MODEL	GD-1001N (NTSC)	GD-1001P (PAL)	GD-1003N (NTSC)	GD-1003P (PAL)
CHIP BRAND	SHARP		SONY	
PICK-UP DEVICE	1/4" Image Sensor Interline Transfer Type		1/3" High-Resolution Super HAD CCD sensor	
NUMBER OF PIXELS	NTSC:512(H)*492(V) PAL:512(H)*582(V)		NTSC:768(H)*494(V) PAL:752(H)*582(V)	
SIGNAL PROCESSOR	DIGITAL SIGNAL PROCESSOR		DIGITAL SIGNAL PROCESSOR (D.S.P.) < 8 bit A/D >	
SYNC. SYSTEM	INTERNAL		INTERNAL	
MINIMUM ILLUMINATION	MORE THAN 320 TV LINES		MORE THAN 460 TV LINE	
S/N RATIO	5.0 LUX (F2.0)		0.2 LUX / F1.2	
SUPPLY VOLTAGE	MORE THAN 48dB		MORE THAN 48Db	
GAMMA CORRECTION	DC 9V / 350mA ~ 600mA (Unregulated) or DC12V / 350 mA (Regulated)		DC 12V / 350mA ~ 400mA (Regulated)	
GAMMA CORRECTION	0.45		0.45	
GAIN CONTROL	AUTO		AUTO	
WHITE BALANCE	AUTO		AUTO	
EXPOSURE	AUTO		NTSC:1/60s~1/100000s, PAL: 1/50s~1/110000s ON/OFF switch-able	
VIDEO OUTPUT	1.0 Vp-p Composite Video 75 (ohm) load		1.0 VP-P COMPOSITE VIDEO. 75 (OHM) LOAD	
BACK LIGHT COMPENSATION			AUTO ON/OFF switch-able	
POWER CONSUMPTION	150mA ; 1.35W (Max)		200mA, 2.7W (MAX)	
OPERATION TEMP.	-10 to 50 degrees C		-10 to 50 degrees C (14F to 122 F)	
LENS MOUNT TYPE	Fix Lens 3.6mm/F2.0		C or CS MOUNT adjnstable	
DIMENSION	150(L)*58(W)*48(H)mm		50mm(D)*46mm(H)*112.5mm	
WEIGHT	260g		348g	

Hardware Connection and Application

