

Nucleus Computer Services P/L

Grand DSP Colour CCD Camera

The Grand 1/4 DSP Color CCD Camera offer solid state performance incorporating a 1/4" interline transfer CCD Pickup device. The advanced Digital Signal Processor (D.S.P.) ensure exceptional reliability and picture stability. Grand 1/4 DSP Color CCD Camera are featured with Auto Electronic Shutter (A.E.S.), Auto Exposure and Auto White Balance (A.W.B.)



MODEL SPEC.	GD-1001N (NTSC)	GD-1001P (PAL)
Chip Brand	TOSHIBA	
Pick-up Device	1/4" Image Sensor Interline Transfer Type	
Effective pixels	512(H) × 492(V)	512(H) × 582(V)
Resolution	MORE THAN 320 TV LINES	
Scanning System	2:1 Interlace NTSC	2:1 Interlace PAL
Signal Processor	Digital Signal	Digital Signal Processor
Camera Features	Auto Electronic Shutter, Auto Exposure Auto White Balance	
Sync. System	Internal	
Minimum Illumination	5.0 LUX (F 2.0)	
S / N Ratio	More than 48 dB	
Gamma Correction	0.45	
Electronic shutter	1/60(1/50) - 1/10000(sec)	
Video Output	1.0 Vp-p Composite Video 75(OHM)Load	
DC Power	DC 12 V	
Power consumption	150mA ; 1.35W(Max)	
Operation Temp.	10 C to 50 C	
Lens Mount Type	Fix Lens 3.6mm / F 2.0	
Dimension (W/O Lens)	105mm(L) x 58mm(W) x 48mm(H)	
Weight	260g	

Features:

- *Auto white balance
- *Auto electronic shutter
- *Picture controls with advanced D.S.P.
- *Suitable for video conference
- *Competitive price
- *Safety



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