



CLR500 SERIES

Features

- ✓ Sony's smallest ICX638 Super HAD CCD
- ✓ High Resolution 550TVL
- ✓ Extremely low current consumption of only 90mA
- ✓ Low Light Sensitivity of 0.2Lux
- ✓ Only 25x25 smallest color mini square CCD camera

1/3" DSP COLOR CAMERA MODULE



CLR700S



CLR500P3



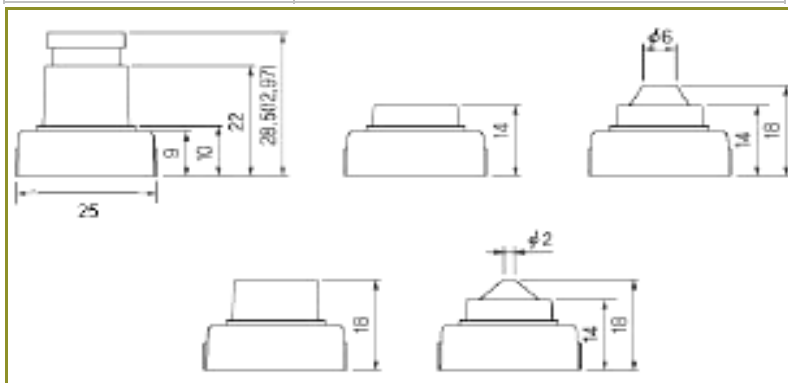
CLR500P1



CLR500P4

Specifications

Signal Format	NTSC
Image Sensor	Sony 1/3" High Res CCD (ICX638)
Total Pixels	811H × 508V (401K)
Effective Pixels	768H × 494V (380K)
Scanning System	2:1 Interlace
Scanning Frequency	15.734KHz (H), 59.94Hz (V)
Horizontal Resolution	550 TV Lines
Electronic Shutter	1/60 ~ 1/100,000 sec
S/N Ratio	More than 45dB (AGC off)
Sync System	Internal
Min. Illumination	0.2 LUX @ F2.0
Gamma	$\gamma = 0.45$
Video Output	1 [Vp-p] (75 Ω unbalanced)
Dimensions	25mm x 25mm
Power	DC12V ($\pm 10\%$)
Current Consumption	90mA or less
Operating Temp.	-10°C ~ +45°C
Storage Temp.	-20°C ~ +60°C
Option	Audio / Mirror / Digital D&N



Lens Options

Model	Board Lens							Pinhole Lens	
	(P)	(C)	(P)	(C)	(P)	(C)	(P)	(C)	
Focal Length	2.45mm	2.97mm	3.6mm	6mm	8mm	12mm	3.7mm	4.3mm	
Angle of View	89	78	67	44	33	23	66	58	