



■ **Feature**

- Built-in x27 zoom lens
- Day and Night Function (IR Cut Filter)
- Digital Slow Shutter
- Wide Dynamic Range (Dual Shutter)
- 8 Area active programmable Privacy Zone Masking
- Min. illumination of 0 lux at night mode (IR ON)
- 500 TV lines of horizontal resolution
- Motion Detection, Auto Focus, Auto Iris
- Five alternative White Balance control mode
- Freezer, Mirror, V Flip, Image Rotation
- Digital image flip

■ **Specifications**

Model	LVC-C513HM	LVC-C513HP	
Signal System	NTSC	PAL	
Scanning System	2:1 Interface		
Scanning Frequency(H)	15.743 KHz	15.625 KHz	
Scanning Frequency(V)	59.94 KHz	50 KHz	
Pick-up Device	1/4" EX View HAD CCD		
Total Pixels No.	811(H)x508(V) 410K	795(H)x596(V) 470K	
Effective Pixels No.	768(H)x494(V) 380K	752(H)x582(V) 440K	
S/N Ratio	More Than 50dB		
Horizontal Resolution	More Than 500 TV Lines		
Lens	x27 Zoom (F1.5(W), F3.6(T) f=3.25-88.0mm)		
Min. Shooting Distance	WIDE(0.01m), TELE(1.0m)		
Privacy Zones	8 Area Active Programmable Zone		
Image Capture	1 Field Image Freezer, Image Rotation, Flip, Mirror		
Min. Illuminance	Normal Mode : 1 Lux(1/3 Video Output) Digital Slow Shutter : 0.01 Lux(20Field Accumulate) Night Mode : 0 Lux(Infrared on) / 0.005 Lux(Infrared off)		
OSD(On Screen Display)	English only		
Sync System	Internal		
Video Output	Composite Video Output(1Vp-p 75Ω Terminated), Y/C Separated		
Camera Control	RS232C(TTL Level) / RS232C (Optional)		
Zoom Speed	5 Sec Mode / 7 Sec Mode / 9 Sec Mode		
Zoom / Focus Preset	128 Position Set / Move (Store with Internal EEPROM)		
Function	Camera ID	Off, 0-255(Total 256)	
	Focus mode	Push Auto/Auto/Manual	
	White Balance	Auto(ATW)/Indoor/Outdoor/Manual/Push Auto	
	AE Mode	Auto/Iris Manual/AGC Manual/ DSS Manual	
	Motion Detect	On/Off (Level Sensitivity : 0-150(16 steps))	
	E.Shutter	1/3 to 1/50000	2/5 to 1/50000
	Flickerless Mode	Manual On/Off	
	Iris Control	Auto/Manual	
	AGC Control	Auto/Manual	
	Electronic Sensitivity	Auto: x2,x3,x4,...x20	Fix :x2,x3,x4,...x20
	Wide Dynamic Range	On/Auto/Off	
	Operation Temperature	-10°C ~ 50°C	
Operation Humidity	0%RH~60%RH		
Storage Temperature	-20 °C ~ 60 °C		
Supplied Voltage	DC 12V		
Power Consumption	Max 5.1W		
Dimension(WxHxD)	57x62.4x97.5mm		
Weight	480g		

■ **Rear View**



■ **Dimension (unit : mm)**

