

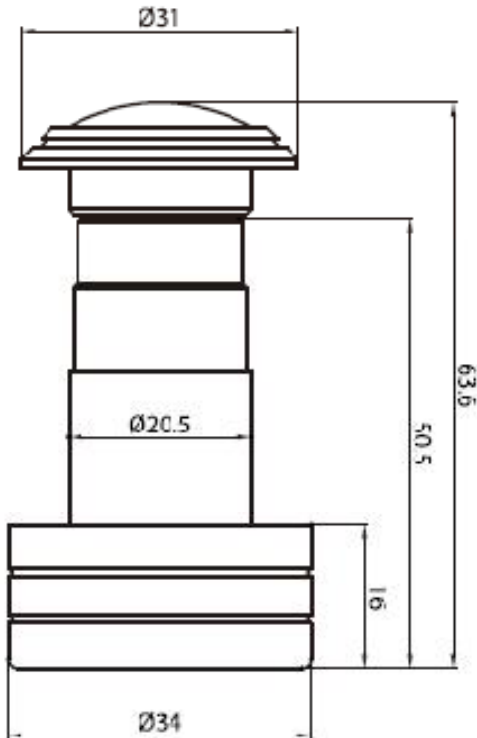
VCL-F190H/N-DV



Features

- 1/3" Super HAD CCD II (SONY)
- High Sensitivity
- Low Smear
- 420TV Lines(Std-Res)
550TV Lines(Hi-Res)
- f=1.78mm Fixed IRIS Fisheye Lens
- Angle of View: 170°

Dimension

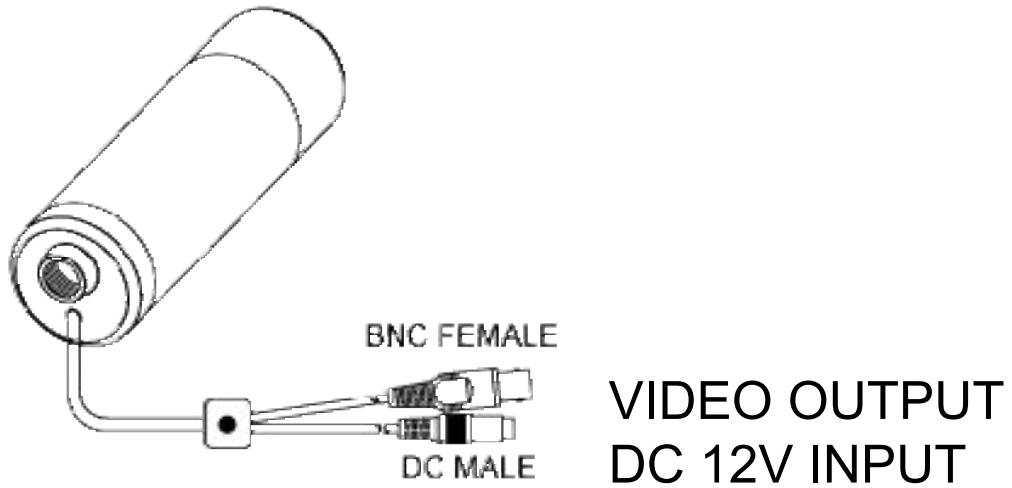


Specification

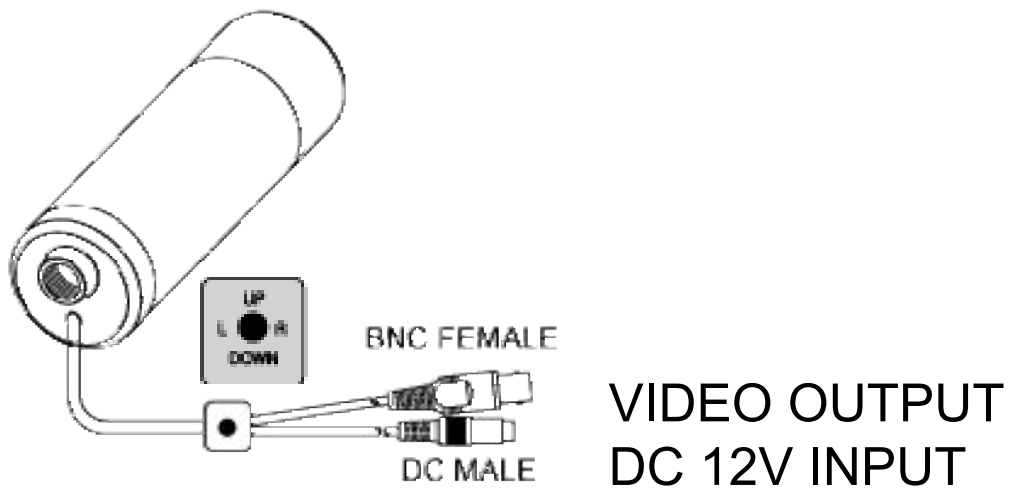
Model	VCL-F190H-DV	VCL-F190N-DV
Image sensor	1/3 inch SONY SUPER HAD CCD II	
Scanning system	2:1 Interlace	
Scanning frequency	NTSC : H: 15.734 KHz, V:59.94 Hz PAL: H: 15.625 KHz, V:50 Hz	
Total pixels	NTSC : 811(H) x 508(V) PAL : 795(H) x 596(V)	NTSC : 537(H) x 505(V) PAL : 537(H) x 597(V)
Effective pixels	NTSC : 768(H) x 494(V) PAL : 752(H) x 582(V)	NTSC : 510(H) x 492(V) PAL : 500(H) x 582(V)
Lens	f=1.78mm Fixed IRIS Fisheye Board Lens (Angle of View: 170°)	
Horizontal resolution	550 TV line	420 TV Line
Electronic shutter	NTSC:1/60 - 1/100,000 sec automatic PAL:1/50 - 1/100,000 sec automatic	
S/N ratio	More than 48 dB (AGC off)	
Sensitivity	0.05 Lux / Faceplate	0.02 Lux / Faceplate
Gamma	$\gamma = 0.45$	
Sync System	Internal	
Video output	1 [Vp-p] Composite 75Ω unbalanced	
Power supply	DC 12V \pm 10% / Max 70mA	
Operating temperature	-10 °C ~ +50 °C	
Storage temperature	-20 °C ~ +60 °C	

VCL-F190H/N-DV

Interface



Standard Connection



Cable OSD Connection