

# BV-612-P

## 1/4" Hi-Resolution Color Vari-Focal Camera w / Digital Video Processor (DC12~AC24V / AC90~260V)

- 1/4" Sony SuperHAD CCD
- Digital Signal Processing
- Built-In Auto Iris Varifocal Lens  
< 2.8 ~ 5.8 mm, F1.4 ~ 1.8 >
- Backlight Compensation (BLC)
- Auto Gain Control
- Minimum Illumination - 0.37 Lux



### Specifications

Image area	3.7mm x 2.7mm
Image sensor	1/4" SuperHAD CCD , 752(H) X 582(V)
TV system	2:1 Interlace <b>PAL</b> ; V:50Hz,H:15.625KHz
Horizontal resolution	480TV lines
Synchronization	DC power : Internal AC power :Internal/Linelock switchable
Linelock V-phase	External VR with 0~300 degree
r compensation	0.45 fixed
AGC	Average On(24dB)
Minimum Illumination	<b>0.37</b> Lux(F1.4, 3200K) ;10 IRE AGC ON
S/N ratio	More than 50dB (AGC OFF)
Backlight compensation	On / Off switchable (Center weight)
Power Supply	DC12V~AC24V +/- 10% / 50Hz +/- 1Hz AC90V~260V / 50Hz +/- 1Hz
White balance	Auto Trace Whitebalance ( 2200~ 10000 K)
Lens mount	Built-in 2.8~5.8mm ,F1.4~1.8 Varifocal Lens
Iris control	Built-in Auto DC Iris driver
Video output	1 Vpp BNC (75 ohm)
Audio output	1 Vpp (1K ohm) RCA
Aperture	Horizontal/Vertical Direction(3 stepsDigital)
Emission& safety standard	CE (Class B) or LVD (Class II)
Accessories	Instruction manual
Tripod mount hole	Provided (Top & Bottom)
Power consumption	3.5W (max.)
Dimensions(mm)	57(W) X 55(H) X130 (L)
Ambient temperature	30%~90 % RH / -10~+50 degree C.
Weight	400g

### Optical system

Vari-focal Auto Iris DC Driver Lens	
Built-in Lens	Varifocal Auto Iris DC driver lens f=2.8~5.8mm;F1.4~1.8 Auto Iris
View Angle	Wide:                      Tele:
	Diagonal:97              Diagonal:48
	Horizontal:77            Horizontal:38
	Vertical:57                Vertical:29
Aperture ratio	1 : 1.4 ( f=2.8) to 1.8 ( f=5.8)
Focus Length	0.2m ~ ∞

\*\*\* Design and specifications are subject to change without notice \*\*\*

