

# BV-819-X

**1/4" Hi-Resolution Colour Mini. Dome DSP Camera  
Varifocal Auto Iris Lens 2.8~5.8mm (DC12V ~ AC24V)**



**Equipped 1/4" SONY SuperHAD CCD to acquire very high sensitivity & 480 TV lines resolution  
New designed Water-proof, Anti-fire & Hammer for 1000Kg force, AI Vari-focal lens  
Keep this camera becomes the very ideal surveillance application for  
Multi-purpose installation requirement**

Image Area	3.7mm x 2.7mm	Lens Mount	Built-in 2.8~5.8mm, F1.4~1.8 vari-focal lens
Image Sensor	1/4" SuperHAD CCD, 752(H) x 582(V)	Iris Control	Built-in Auto DC Iris driver
TV System	2:1 Interlace PAL V: 50Hz, H: 15.625KHz	Aperture	Horizontal / Vertical Direction (3 steps Digital)
Horizontal Resolution	480 TV Lines	Waterproof	IP66
Synchronization	DC Power : Internal AC Power : Internal / Linelock switchable	Dome Cover	Smoke : Transmission ratio 45%
Linelock V-phase	External VR with 0~300°	Mechanical Parts	Aluminum diecasting material Polycarbonate 3mm thickness smoke cover Endures the Equivalent 1000Kg of force
Gamma Compensation	0.45 fixed		Accessories
AGC	Turbo (24dB) / Normal (18dB) switchable	Emission & safety standard	
Minimum Illumination	0.37 Lux (F1.4, AGC On, 10 IRE, Clear Cover)	Power Consumption	5W (max.)
S/N Ratio	More than 50dB (AGC Off)	Dimensions	160mm x 90mm(H)
Backlight Compensation	On / Off switchable (Center weight)	Ambient Temperature	30% ~ 90% RH / -10°C ~ 50°C
White Balance	Auto Trace White Balance (2200°K ~ 10000°K)	Weight	900g
Power Supply	DC12V / AC24V □10% / 50Hz □1Hz		
Video Output	1 Vpp BNC (75 ohm)		

## Optical system

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 Horizontal: 77 Vertical: 57	Diagonal: 48 Horizontal: 38 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 \*\*\*

