

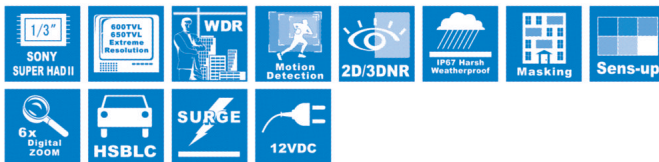


Product Information

This unit is the world's first high performance Color camera in a bullet style with Super WDR and 2D/3DNR. It is highly recommended for a special requirement where it needs more precise, brighter and higher resolution for sport use and to replace with a high performance big cameras.

The smart idea with user-friendly housing mechanism makes this unit possible to adapt a wide range of different focal lens. User can exchange the lens with no special skill, very easily without changing the camera in order to fix the exact angle of view and suitable focal distance.

Universal type of mounting structure plus user friendly developed camera design provides a useful way of installation mountable to any place providing adjustable 360 degree of camera angle without permitting any invisible position.

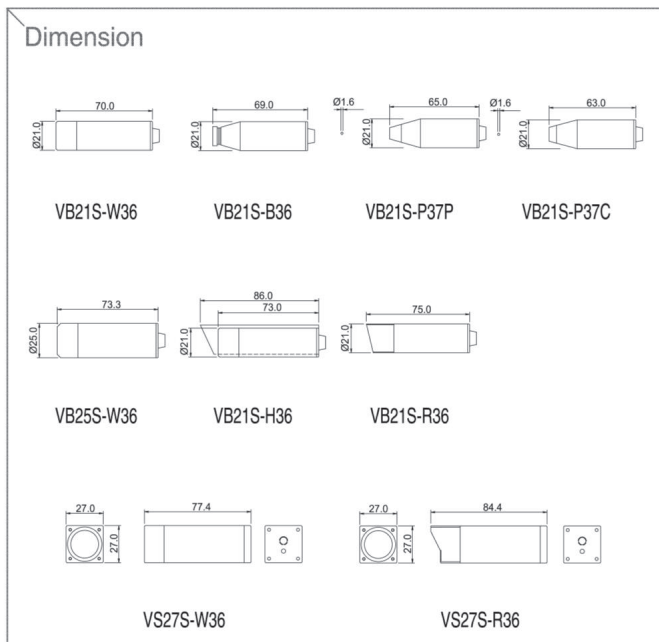


Special Features

- World's smallest with WDR and 2D/3D DNR
- User-friendly housing mechanism makes a wide range of different focal lens interchangeable
- Compact design offers world's best video quality like standard camera

General Features

- Super Wide Dynamic(WideLux chip embedded - Ref. page11)
- 600TVL(Day)/650TVL(Night) • 2D/3DNR(Noise Reduction)
- DIS(Digital Image Stabilizer)
- IP67 Weatherproof • 12VDC



MODEL	VB21S/VB25S/VS27S
Image sensor	1/3" Sony Super HAD CCD II
Effective Pixels	NTSC : 768(H) x 494(V) PAL : 752(H) x 582(V)
H. Resolution	600 TV Lines(Day) / 650 TV Lines(Night)
Synchronizing system	Internal
Scanning system	NTSC : 525 Lines PAL : 625 Lines 2:1 Interlaced
Video output	1.0Vp-p Composite 75 Ohms
S/N ratio	More than 52dB (AGC Off)
Min. Illumination	0.1Lux at F1.2(Sens-up Off), 0.0001Lux at F1.2(Sens-up, x 512)
Shutter Speed	NTSC:1/60~1/100,000 sec. PAL:1/50~1/100,000 sec.
Gamma Correction	Standard $\gamma = 0.45$
White Balance	1,800°K ~ 11,000°K Auto ATW/Push Lock/Manual selectable by OSD
Gain Control	Standard : -6dB ~ 34dB Auto / Maximum by OSD
Smear Effect	0.005%
Power source	12VDC
Operating current	120mA
MTBF	80,000 hours
Lens	Board lens : 3.6mm(92°) Board lens option : 2.5mm(145°), 2.9mm(120°), 4.3mm(78°), 6.0mm(54°), 8mm(39°) 12.0mm(26°), 16mm(19°) Pinhole Lens Option Peak Cone : 2.8mm(130°), 3.7mm(90°), 5.0mm(78°) Semi Cone : 2.8mm(130°), 3.7mm(90°), 5.0mm(78°)
Iris Control	Auto
Operating temp./Humidity	-10°C ~ 50°C (Humidity : 0%RH ~ 90%RH)
Measurement (mm)	Refer to dimensions
Weight (Approx.g)	180 / 200 / 240
Function	
WDR	Off / On (User selectable by OSD)
2D/3DNR	Off / On (User selectable by OSD)
Sens-up	Off / 2x ~ 512x
Motion Detection	On/Off (8 Zone setting available)
Digital Zoom	Off, X1 ~ X6
White Balance	Auto (ATW) / Push Lock / User Selectable
Privacy Mask	Off / On (8 Zone setting available)