



### Product Information

VB60S is a professional Outdoor camera featured as Stylish Design, External Focus control and 4 pin DIN Waterproof connection under IP67 Weatherproof.

There is no need to cut the cable when user exchanges the camera because of the 4 pin waterproof connector on the back of the camera. This connector is secured by IP68 Waterproof.

User can adjust OSD setting by locally and remotely. This unit is passed IP67 test and guarantees moisture condensation free on the glass against any harsh weather condition.

Highlight Eclipse works for the license plate capture application.



### Special Features

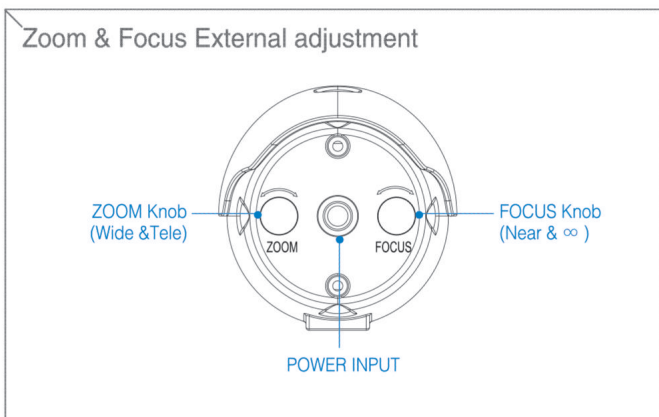
- External Focus adjustment
- Separated camera from cable with complete waterproof connection

### General Features

- Super Wide Dynamic(WideLux chip embedded - Ref. page11)
- 600TVL(Day)/650TVL(Night)
- 2D/3DNR(Noise Reduction)
- 4-9mm/9-22mm VF lens
- Motion Detection
- DIS(Digital Image Stabilizer)
- Highlight Eclipse • RS-485 Interface(Pelco-D)
- IP67 Weatherproof • 12VDC

### Focus External Adjustment

Moisture condensation and bad workmanship sometimes occur in the course of opening the housing to adjust focus. Our advanced external adjustment mechanism makes no reason to open the case and guarantees no possibility of condensation.



MODEL	VB60S-VF
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
Lens	4~9mm Varifocal Lens
Lens(Optional)	9~22mm Varifocal Lens
Iris Control	Auto
Operating temp./Humidity	-10°C ~ 50°C (Humidity : 0%RH ~ 90%RH)
Measurement (mm)	60(D) x 127.5(L)
Weight (Approx.g)	930

Function	
WDR	Off / On (User selectable by OSD)
2D/3DNR	Off / On (User selectable by OSD)
Sens-up	Off / 2x ~ 512x (DSS)
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)

