

## 1/3" CCD Color Bullet camera (Weatherproof)

### \*Compact 1/3" CCD bullet camera

The company's special micro CCD technology reduced the size of a 1/3" DSP Color bullet up to 25mm diameter. It is noticeable that the picture quality of this micro bullet camera is greatly improved with a new 1/3" HQ1 Ex-view HAD CCD chips from SONY

### \*True Color reproduction

The new 1/3" DSP technology realized an extremely true color reproduction getting closer to human eye performance. Producing color more natural and more comfortable to human eye is one of the best advantages that this unit possess.

### \*Rolling free picture (with fixed iris lens and without linelock)

ATW(Auto Tracing White balance) in general Color CCD cameras cause a severe color rolling under a fluorescent light.

Our unit uses a Push lock mode which makes no more color rolling problem.

So it is not necessary to use an expensive and

big sized auto iris lens or to have a built-in linelock in order to remove color rolling.

### \*Outstanding low light sensitivity

The biggest benefit of using 1/3" DSP sensor for this micro bullet camera is that the low lux performance reaches up to an extreme darkness of 0.1 lux/F2.0. Additionally noise-free picture quality at dark view makes its low lux performance to maximum.

### \*Ultra Clear Picture

With the built-in Video enhance technology, the picture quality is greatly improved. The image looks obviously clearer than ordinary color cameras.

### \*Wide range of Lens Exchangeable

The camera provides a wide range of different focal lens exchangeable.

No need to change the whole camera in order to have a different angle of view(AOV).

Interchangeable range is from 19' to 92' AOV (3.6mm, 4.3mm, 6mm, 8mm, 12mm, 16mm)

### \*Condensation free(IP68)

The camera is completely sealed and inspected through special manufacturing procedures in order that it is 100% free from moisture or water smearing into the camera in harsh weather conditions.

### \*Extremely Low Power Consumption & Wide working tolerance

It covers DC12V  $\pm$  3V of power input and requires less than 130 mA.

Less power consumption protects the camera from overheating and wide range working tolerance significantly reduces damage rate from bad power sources.

### \*Surge voltage input protection built in

### \*Reverse Polarity input protection built in

### \*External Audio (Option)

### \*IR Sensitivity (Option)

### \*TRUE DAY / NIGHT (Option)

## VB25HGX-H16

1/3" CCD, HQ1  
High resolution  
560TV Lines  
0.1 Lux at F2.0

### Key Features

Model	VB25HGX-H16
Image Sensor	1/3" CCD, HQ1 Ex-view, High res, SONY
Effective Pixels	NTSC : 768(H)X494(V) PAL : 752(H)X582(V)
H.Resolution	560 TV Lines
Min. Illumination	0.1 Lux at F2.0
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 50 dB (AGC Off)
BLC	Automatic
Shutter Speed	NTSC : 1/60 ~ 1/100,000 sec PAL : 1/50 ~ 1/100,000 sec
Gamma correction	$\gamma=0.45$
White balance	2100°K ~ 9100°K Auto
Gain Control	4dB~30dB Auto
Smear Effect	0.005%
MTBF	80,000 hours
Power source	DC12V (Tolerance:8V~15V)
Operating current	130mA w / regulated power input
Lens	16mm(15") 3.6mm(92'), 4.3mm(78'), 6.0mm(54'), 8.0mm(39'), 12mm(28')
Operating Temperature	14° F ~ 122° F (-10° C ~ +50° C)
Humidity	Within 90% RH
Output Terminal	2Feet + 4Feet waterproof Cable w/ BNC-Female for Video, DC-Jack Male for power
Measurement (mm)	21(Dia) x 77(L)
Weight (Approx.g)	150

Optional Function 1	Infra-Red Light sensitive without loosing the true coloration at day light
Optional Function 2	Automatic TRUE Day and Night conversion
Optional Function 3	External Audio with C-Microphone * - 35dB / mV *

### Dimension and Wiring (mm)

