

VB21CPH-R36

1/3" SUPER HIGH res Color CCD 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 21mm diameter. It is noticeable that the picture quality of this micro bullet camera is greatly improved with a new 1/3" Super Sensitive CCD chips from Panasonic

*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. 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 0.2 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 ± 3V of power input and requires less than 90mA. Less power consumption protects the camera from overheating and wide range working tolerance significantly reduces damage rate from bad power sources.

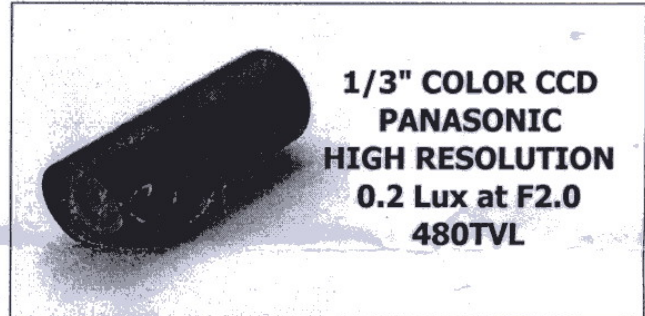
* Surge voltage input protection built in

* Reverse Polarity input protection built in

* Audio (Option)

* IR Sensitivity (Option)

* TRUE DAY AND NIGHT (Option)



Key Features

Image Sensor	1/3" CCD, Panasonic High res
Effective Pixels	NTSC : 768(H)X494(V) PAL : 752(H)X582(V)
H.Resolution	480 TV Lines
Min. Illumination	0.2 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	r=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	90mA w / regulated power input
Lens STD	2.9mm(120')
Lens Option	3.6mm(92'),4.3mm(78'),6.0mm(57'),8.0mm(38'),12mm(26'),16mm(15')
Operating Temperature	14° F ~ 122° F (-10° C ~ +50° C)
Humidity	Within 90% RH
Output Terminal	2ft plus 4ft waterproof cable with RCA-Female for Video, DC Jack-Male for Power
Measurement (mm)	21(Dia) x 71(L)
Weight (Approx.g)	140

Optional Function 1	Infra-Red Light sensitive without loosing the true coloration at day light
Optional Function 2	TRUE DAY AND NIGHT
Optional Function 3	External Audio with C-Microphone " - 35dB / mV "

Dimension and Wiring (mm)

