

Color CCD Board Module Camera



FEATURES

- 1/3" Color CCD
- Minimum illumination:0.5Lux
- Horizontal Resolution:420TV Lines
- Auto Electronic Shutter:1/60~1/100000 Sec
- Lens optional:2.5mm/2.9mm/4mm/6mm/8mm/12mm
- Specification

Model	VC-300
Image Device	1/3" Sharp Color CCD
TV System	NTSC/PAL
Effective Pixel	500(H) x 582(V)
SYNC System	Internal
Scanning System	2:1 Interlace
Scanning Frequency	Horizontal:15.625KHz Vertical:50Hz
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F1.2
Video Output	1.0Vp-p VBS75Ω BNC
Gain	Built-in AGC 30dB; SAGC 36dB
S/N Ration	42dB
White Balance	AWB (2800°K~8000°K)
Auto Electronic Shutter	1/60~1/100000
Standard Lens	F3.6mm board lens
Power Sources	DC12V
Operating Temperature	-10°C~+50°C
Dimension(mm)	32 x32/38×38

Color CCD Board Module Camera



FEATURES

- 1/4" Color CCD
- Minimum illumination:0.5Lux
- Horizontal Resolution:420TV Lines
- Auto Electronic Shutter:1/60~1/100000 Sec
- Lens optional:2.5mm/2.9mm/4mm/6mm/8mm/12mm
- Specification

Model	VC-702B
Image Device	1/4" Sharp Color CCD
TV System	NTSC/PAL
Effective Pixel	500(H) x 582(V)
SYNC System	Internal
Scanning System	2:1 Interlace
Scanning Frequency	Horizontal:15.625KHz Vertical:50Hz
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F1.2
Video Output	1.0Vp-p VBS75Ω BNC
Gain	Built-in AGC 30dB; SAGC 36dB
S/N Ration	42dB
White Balance	AWB (2800°K~8000°K)
Auto Electronic Shutter	1/60~1/100000
Standard Lens	F3.6mm board lens
Power Sources	DC12V
Operating Temperature	-10°C~+50°C
Dimension(mm)	32 x32/38×38

Color CCD Board Module Camera



FEATURES

- 1/3" Color CCD
- Minimum illumination:0.5Lux
- Horizontal Resolution:480TV Lines
- Auto Electronic Shutter:1/60~1/100000 Sec
- Lens optional:2.5mm/2.9mm/4mm/6mm/8mm/12mm
- Specification

Model	VC-701	VC-701H
Image Device	1/3" Sony Color CCD	
TV System	NTSC/PAL	
Effective Pixel	500(H) x 582(V)	752(H) x 582(V)
SYNC System	Internal	
Scanning System	2:1 Interlace	
Scanning Frequency	Horizontal:15.625KHz Vertical:50Hz	
Horizontal Resolution	420TV Lines	480TV Lines
Minimum Illumination	0.5Lux F1.2	
Video Output	1.0Vp-p VBS75Ω BNC	
Gain	Built-in AGC 30dB; SAGC 36dB	
S/N Ration	42dB	46dB
White Balance	AWB (2800°K~8000°K)	
Auto Electronic Shutter	1/60~1/100000	
Standard Lens	F3.6mm board lens	
Power Sources	DC12V	
Operating Temperature	-10°C~+50°C	
Dimension(mm)	32 x32/38×38	32x32/42x42 double

Color CCD Board Module Camera



Specifications

★ **SUPER BLC**

When the image is in front of strong background lighting, your camera allows you to get the clear image.

★ **SENSE UP (Fine Picture Condition Under Very Low illumination)**

1/3 inch density CCD and digital processor permit high quality pictures to be captured in very low light condition.

★ **High Resolution**

The horizontal resolution of 530TV lines can be achieved by using a SONY CCD having Double Speed 410,000 pixels noiseless and reliable pictures..

★ **Motion Detection**

Your camera detects motion of object without sensor outside.

★ **OSD**

You can control a lot function on the screen.

★ **DNR(Digital Noise Reduction)CHIP**

It has an assistant DSP chip that can remove image noise efficiently and it shows clean and obvious image in low luminance.

★ **ELECTRONIC DAY/NIGHT(OPTION)**

In normal or high luminance, camera maintains color mode. On the contrary, it get changed into B/W mode in low luminance.

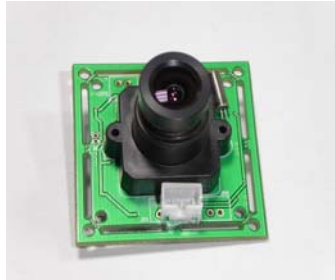
★ **MANUAL/DC LENS**

You can choose MANUAL or DC LENS by using switch..

MODEL	VC-3042OSD
ITEM	SR(Super Resolution)Series
Power Source	DC 12V/AC 24V(Optional)
Image Sensor	1/3"SONY SUPER HAD CCD(410.000 pixels)
Total Pixels	811(H) x 508(V).1/3" CCD

Effective Pixels	768(H) x 494(V),1/3"CCD
Maximum Aperture Ratio	1:1.3~2.0
Scanning System	2:1 Interlaced 525 Lines/60 Fields/30Frames
Video Output	1.0V[p-p]NTSC, composite,7.5Ω/BNC Connector
Resolution	540 TV Lines
Back Light Compensation	ON/OFF/AUTO
Gain Control	AGC-L,AGC-H,OFF selectable
Electric Shutter Speed	1/60~1/200,000sec
SENSE UP	Built-in(selectable limit~X128)
WHITE BALANCE	W-ATW/S-ATW/AWC/MANUAL
Min. illumination	0.002Lux(Sense-up)/0.3Lux(F1.3)
Standard Lens	F3.6mm board lens
S/N(Y signal)	50db(Weight On)
Digital Noise Reduction(DNR)	ON/LOW/MIDDLE/HIGH
Motion Detection	MD1/MD2/OFF
On Screen Display(O.S.D)	Built-in
PRIVACY Function	ON/OFF(4 Programmable Zone)
Operational Temperature	-10℃~+50℃(14°F~122°F)
Operational Humidity	30%~90%RH
size	42X42mm double board

Color Cmos Board Module Camera



FEATURES

- 1/4" Color cmos
- Minimum illumination:2.0Lux
- Horizontal Resolution:420TV Lines
- Auto Electronic Shutter:1/60~1/100000 Sec
- Lens optional:2.5mm/2.9mm/4mm/6mm/8mm/12mm
- Specification

Model	VC-3228CM
Image Device	1/4" Color CMOS
TV System	NTSC/PAL
Effective Pixel	512(H) x 492(V)
SYNC System	Internal
Scanning System	2:1 Interlace
Scanning Frequency	Horizontal:15.625KHz Vertical:50Hz
Horizontal Resolution	420TV Lines
Minimum Illumination	2.0Lux F2.0
Video Output	1.0Vp-p VBS75Ω BNC
Gain	Built-in AGC 30dB; SAGC 36dB
S/N Ration	42dB
White Balance	AWB (2800°K~8000°K)
Auto Electronic Shutter	1/60~1/100000
Standard Lens	F3.6mm board lens
Power Sources	DC5V~24V
Operating Temperature	-10℃~+50℃
Dimension(mm)	32 x32/38×38

B/W CCD Board Module Camera



FEATURES

- 1/3" B/W CCD
- Minimum illumination:0.0 5Lux
- Horizontal Resolution:420TV Lines
- Auto Electronic Shutter:1/60~1/100000 Sec
- Lens optional:2.5mm/2.9mm/4mm/6mm/8mm/12mm
- Specification

Model	VC-310
Image Device	1/3" B/W CCD
TV System	NTSC/PAL
Effective Pixel	512(H) x 492(V)
SYNC System	Internal
Scanning System	2:1 Interlace
Scanning Frequency	Horizontal:15.625KHz Vertical:50Hz
Horizontal Resolution	420TV Lines
Minimum Illumination	0.05Lux F2.0
Video Output	1.0Vp-p VBS75Ω BNC
Gain	Built-in AGC 30dB; SAGC 36dB
S/N Ration	42dB
White Balance	AWB (2800°K~8000°K)
Auto Electronic Shutter	1/60~1/100000
Standard Lens	F3.6mm board lens
Power Sources	DC12V
Operating Temperature	-10℃~+50℃
Dimension(mm)	32 x32/38×38

B/W CCD Board Module Camera



FEATURES

- 1/3" B/W CCD
- Minimum illumination:0.0 5Lux
- Horizontal Resolution:600TV Lines
- Auto Electronic Shutter:1/60~1/100000 Sec
- Lens optional:2.5mm/2.9mm/4mm/6mm/8mm/12mm
- Specification

Model	VC-310S
Image Device	1/3"Sony B/W CCD
TV System	NTSC/PAL
Effective Pixel	752(H) x 582(V)
SYNC System	Internal
Scanning System	2:1 Interlace
Scanning Frequency	Horizontal:15.625KHz Vertical:50Hz
Horizontal Resolution	600TV Lines
Minimum Illumination	0.05Lux F2.0
Video Output	1.0Vp-p VBS75Ω BNC
Gain	Built-in AGC 30dB; SAGC 36dB
S/N Ration	42dB
White Balance	AWB (2800°K~8000°K)
Auto Electronic Shutter	1/60~1/100000
Standard Lens	F3.6mm board lens
Power Sources	DC12V
Operating Temperature	-10℃~+50℃
Dimension(mm)	32 x32/38×38