

### Mini B/W Camera



#### FEATURES

- 1/3" B/W CCD
- Minimum illumination: 0.05Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/60~1/100000 Sec
- Specification

Model	VC-190SB1/P/P1/P2
Image Device	1/3" B/W CCD
TV System	NTSC/PAL
Effective Pixels	510(H)×493(V)/500(H)×582(V)
Scanning System	2:1 Interlace
Sync.System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.05Lux F2.0
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	More than 50dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	N/A
Operating Temperature	-10℃ ~ +50℃
Operating Humidity	Within 30~90% RH
Dimensions	Ø19mm×56.86mm/44.41mm/49.55mm/49.41mm
Weight	90g/85g/86g/85g

**Included Accessories: swivel mounting bracket X1, Manual x1**

**Mini B/W Camera**

**FEATURES**

- 1/3" B/W CCD
- Minimum Illumination: 0.05Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/60~1/100000 Sec Automatic
- Specification

Model	VC-500B/P/P1/P2/P3
Image Device	1/3" B/W CCD
TV System	NTSC/PAL
Effective Pixels	510(H)×493(V)/500(H)×582(V)
Scanning System	2:1 Interlace
Sync.System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.05Lux F2.0
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	More than 50dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	N/A
Operating Temperature	-10℃ ~ +50℃
Operating Humidity	Within 30~90% RH
Dimensions	25×25mm
Weight	62g/61g/64g/64g/67g

**Included Accessories: mounting bracket X1,Manual x1**

**Mini B/W Camera**

**FEATURES**

- 1/3" B/W CCD
- Minimum Illumination: 0.05Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/60~1/100000 Sec Automatic
- Specification

Model	VC-400B/P/P1/P2/P3
Image Device	1/3" B/W CCD
TV System	NTSC/PAL
Effective Pixels	510(H)×493(V)/500(H)×582(V)
Scanning System	2:1 Interlace
Sync.System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.05Lux F2.0
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	More than 50dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	Optional
Operating Temperature	-10℃ ~ +50℃
Operating Humidity	Within 30~90% RH
Dimensions	30×30mm
Weight	78g/70g/71g/71g/74g

**Included Accessories: mounting bracket X1,Manual x1**

**Mini B/W Ex-View camera**

**FEATURES**

- 1/3" B/W CCD
- Minimum Illumination: 0.003Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/60~1/100000 Sec Automatic
- Specification

Model	VC-EX400B/P/P1/P2/P3
Image Device	1/3" Sony EX-View B/W CCD
TV System	NTSC/PAL
Effective Pixels	510(H)×493(V)/500(H)×582(V)
Scanning System	2:1 Interlace
Sync.System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.003Lux F2.0
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	More than 50dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	N/A
Operating Temperature	-10℃ ~ +50℃
Operating Humidity	Within 30~90% RH
Dimensions	30×30mm
Weight	62g/61g/64g/64g/67g

**Included Accessories: mounting bracket X1,Manual x1**

**Mini B/W High resolution camera**

**FEATURES**

- 1/3" B/W CCD
- Minimum Illumination: 0.05Lux
- Horizontal Resolution: 480TV Lines
- Auto Electronic Shutter: 1/60~1/100000 Sec Automatic
- Specification

Model	VC-400BH/PH/P1H/P2H/P3H
Image Device	1/3" Sony B/W CCD
TV System	NTSC/PAL
Effective Pixels	752(H)×582(V)
Scanning System	2:1 Interlace
Sync.System	Internal
Horizontal Resolution	600TV Lines
Minimum Illumination	0.05Lux F2.0
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	More than 50dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	N/A
Operating Temperature	-10℃ ~ +50℃
Operating Humidity	Within 30~90% RH
Dimensions	30×30mm
Weight	62g/61g/64g/64g/67g

**Included Accessories: mounting bracket X1,Manual x1**

### B/W Door View Camera



#### FEATURES

- 1/3" B/W CCD
- Minimum illumination: 0.05Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/50, 1/60~1/100000 Sec
- Specification

Model	VC-190DV
Image Device	1/3" B/W CCD
TV System	NTSC/PAL
Effective Pixels	500(H)×582(V)/510(H)×592(V)
Scanning System	2:1 Interlace
Sync.System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.05Lux F2.0
Video Output	1.0Vp-p VBS75Ω
AGC	Built-in
S/N Ratio	≥50dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/50, 1/60~1/100000 Sec Automatic
Lens	2.5 mm wide angle board lens mount: 175 <sup>0</sup>
Power Supply	DC12V(≤100mA)
Built-in Audio	N/A
Operating Temperature	-10℃~+50℃
Operating Humidity	Within 30~90% RH
Dimensions	(Ø)19×58(L)mm
Weight	133g

### Mini Color Camera



#### FEATURES

- 1/3" Sharp Color CCD
- Minimum illumination:0.5Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/50, 1/60~1/100000 Sec
- Specification

Model	VC-219CB/P/P1/P2
Image Device	1/3" Sharp Color CCD
TV System	NTSC/PAL
Effective Pixels	500(H)×582(V)/510(H)×592(V)
Scanning System	2:1 Interlace
Sync.System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F1.2
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	45dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/50, 1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	N/A
Operating Temperature	-10℃ ~ +50℃
Operating Humidity	Within 30~90% RH
Dimensions	∅21mm×70.20mm/59.70mm/63.40mm/63.34mm
Weight	96g/91g/92g/92g

**Included Accessories: swivel mounting bracket X1, Manual x1**
**Mini Color Camera**

**FEATURES**

- 1/4" Sharp COLOR CCD
- Minimum Illumination: 0.5Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/50, 1/60~1/100000 Sec Automatic
- Specification

Model	VC-2525B/P/P1/P2/P3
Image Device	1/4" Sharp Color CCD
TV System	NTSC/PAL
Effective Pixels	500(H)×582(V)/510(H)×592(V)
Scanning System	2:1 Interlace
Sync. System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F1.2
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	45dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/50, 1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	Optional
Operating Temperature	-10°C ~ +50°C
Operating Humidity	Within 30~90% RH
Dimensions	25×25mm
Weight	72g/66g/62g/67g/69g

**Included Accessories: mounting bracket X1, Manual x1**
**Mini Color Camera**

**FEATURES**

- 1/4" Sharp COLOR CCD
- Minimum Illumination: 0.5Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/50, 1/60~1/100000 Sec Automatic
- Specification

Model	VC-3030B/P/P1/P2/P3
Image Device	1/4" Sharp Color CCD
TV System	NTSC/PAL
Effective Pixels	500(H)×582(V)/510(H)×592(V)
Scanning System	2:1 Interlace
Sync. System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F1.2
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	45dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/50, 1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	Optional
Operating Temperature	-10°C ~ +50°C
Operating Humidity	Within 30~90% RH
Dimensions	30×30mm
Weight	75g/70g/72g/72g/74g

**Included Accessories: mounting bracket X1, Manual x1**
**Mini Color Camera**

**FEATURES**

- 1/3" Sony COLOR CCD
- Minimum Illumination: 0.5Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/50, 1/60~1/100000 Sec Automatic
- Specification

Model	VC-700B/P/P1/P2/P3
Image Device	1/3" Sony Color CCD
TV System	NTSC/PAL
Effective Pixels	500(H)×582(V)/510(H)×592(V)
Scanning System	2:1 Interlace
Sync. System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F1.2
Video Output	1.0Vp-p VBS75Ω
AGC	Built-in
S/N Ratio	45dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/50, 1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	Optional
Operating Temperature	-10℃ ~ +50℃
Operating Humidity	Within 30~90% RH
Dimensions	30×30mm
Weight	78g/70g/71g/71g/74g

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**Included Accessories: mounting bracket X1,Manual x1**
**Mini Color Camera**

**FEATURES**

- 1/3" Sony Color CCD
- Minimum illumination:0.5Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/50, 1/60~1/100000 Sec
- Specification

Model	VC-230CB/P/P1/P2
Image Device	1/3" Sony Color CCD
TV System	NTSC/PAL
Effective Pixels	500(H)×582(V)/510(H)×592(V)
Scanning System	2:1 Interlace
Sync.System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F1.2
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	45dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/50, 1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	N/A
Operating Temperature	-10℃ ~ +50℃
Operating Humidity	Within 30~90% RH
Dimensions	Ø23mm×74.06mm/57.55mm/60.96mm/60.77mm
Weight	98g/96g/93g/94g

**Included Accessories: swivel mounting bracket X1,Manual x1**

**Mini Color Camera**



**FEATURES**

- 1/4" Sony Color CCD
- Minimum illumination:0.5Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/50, 1/60~1/100000 Sec
- Specification

Model	VC-2224
Image Device	1/4" Sony Color CCD
TV System	NTSC/PAL
Effective Pixels	500(H)×582(V)/510(H)×592(V)
Scanning System	2:1 Interlace
Sync.System	Internal
Horizontal Resolution	420TV Lines
Minimum Illumination	0.5Lux F1.2
Video Output	1.0Vp-p VBS75 Ω
AGC	Built-in
S/N Ratio	45dB
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)
Auto Electronic Shutter	1/50, 1/60~1/100000 Sec Automatic
Lens	Standard F3.7 Pinhole or F3.6 Board Lens
Power Supply	DC12V(≤100mA)
Built-in Audio	N/A
Operating Temperature	-10℃ ~ +50℃
Operating Humidity	Within 30~90% RH
Dimensions	22×24mm
Weight	64g

**Included Accessories: mounting bracket X1,Manual x1**

### Color Door View Camera



#### FEATURES

- 1/3"Color CCD
- Minimum illumination:0. 5Lux
- Horizontal Resolution: 420TV Lines
- Auto Electronic Shutter: 1/50, 1/60~1/100000 Sec
- Specification

Model	VC-219DV	VC-219SHDV
Image Device	1/3" Sharp Color CCD	1/3"sony Color CCD
TV System	NTSC/PAL	
Effective Pixels	500(H)×582(V)/510(H)× 592(V)	752(H) x 582(V)/768(H)x494(V)
Scanning System	2:1 Interlace	
Sync.System	Internal	
Horizontal Resolution	420TV Lines	480TV Lines
Minimum Illumination	0. 5Lux F2.0	
Video Output	1.0Vp-p VBS75Ω	
AGC	Built-in	
S/N Ratio	≥50dB	
White Balance	Automatic (2,100 <sup>0</sup> K~8,000 <sup>0</sup> K)	
Auto Electronic Shutter	1/50, 1/60~1/100000 Sec Automatic	
Lens	2.5 mm wide angle board lens mount:175 <sup>0</sup>	
Power Supply	DC12V(≤100mA)	
Built-in Audio	N/A	
Operating Temperature	-10℃~+50℃	
Operating Humidity	Within 30~90% RH	
Dimensions	(Ø)21×94(L)mm	
Weight	142g	

