

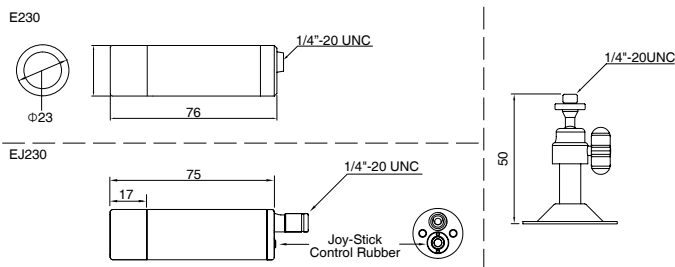
KPC-E230, EJ230



FEATURES

- 1/3" 960H SONY EXview HAD CCD II
- Ultra-High Resolution of 700 TVL
- Min. Illumination of 0.1 Lux (Color)
- 2DNR / ATR (Adaptive Tone-curve Reproduction / Digital WDR)
- Privacy Masking / Motion Detection
- Multi-Language OSD (with Joystick - EJ230 Only)
- Fixed Board Lens
- Compact Size (Ø23) Bullet Type
- Outstanding Durability with IP67 (E(J)230UWX Only)

DIMENSIONS (Unit:mm)



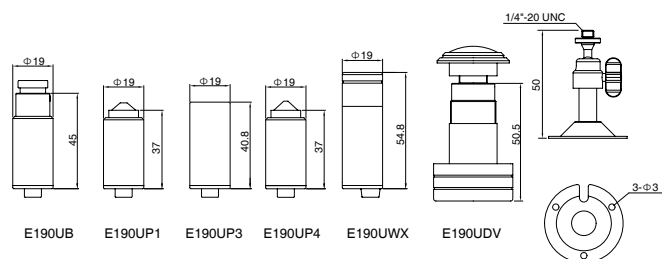
KPC-E190



FEATURES

- 1/3" 960H SONY EXview HAD CCD II
- Ultra-High Resolution of 700 TVL
- Min. Illumination of 0.1 Lux
- Board, Pinhole Lens
- 2DNR (2D Digital Noise Reduction)

DIMENSIONS (Unit:mm)



SPECIFICATION

Model	KPC-E230	KPC-EJ230
Image Device	1/3" 960H SONY EXview HAD CCD II	
Scanning System	2 : 1 Interlace	
Scanning Frequency	NTSC: 15.734 KHz(H), 59.94 Hz(V) / PAL: 15.625 KHz(H), 50 Hz(V)	
H. Resolution	700 TVL	
Total Pixels	NTSC: 1020(H) x 508(V) / PAL: 1020(H) x 596(V)	
Effective Pixels	NTSC: 976(H) x 494(V) / PAL: 976(H) x 582(V)	
S/N Ratio	More than 50dB (AGC Off)	
Min. Illumination	0.1 Lux	
Sync. System	Internal	
Gamma	$\gamma = 0.45$	
Video Output	1.0 Vp-p Composite (75Ω)	
Lens	Fixed Board Lens Built-in	
Electronic Shutter	NTSC: 1/60~1/100,000 sec / PAL: 1/50~1/100,000 sec	
BLC	OFF / BLC / HLC	
White Balance	ATW / PUSH / USER1 / USER2 / ANTI CR / MANUAL / PUSH-LOCK	
2DNR	On / Off (Level Adjustable)	
ATR	On / Off (Level Adjustable)	
Function	MIRROR / BRIGHTNESS / CONTRAST / SHARPNESS / HUE / GAIN	
Motion Detection	Zone 4ea	
Privacy Masking	Zone 4ea	
Language	English, Japanese, German, French, Russian, Portuguese, Spanish, Chinese	
OSD	None	Built-in with Joystick
IP Rating	IP67 (Water Proof) - KPC-E(J)230UWX Only	
Operating Temperature	14°F~122°F (-10°C~+50°C)	
Storage Temperature	-4°F~140°F (-20°C~+60°C)	
Power Consumption	DC12V (±10%) Max. 83 mA	
Dimensions (mm)	Ø23 x 76	
Weight	Approx. 68 g	
Options	Digital Day & Night	

SPECIFICATION

Model	KPC-E190
Image Device	1/3" 960H SONY EXview HAD CCD II
Scanning System	2 : 1 Interlace
Scanning Frequency	NTSC: 15.734 KHz(H), 59.94 Hz(V) / PAL: 15.625 KHz(H), 50 Hz(V)
H. Resolution	700 TVL
Total Pixels	NTSC: 1020(H) x 508(V) / PAL: 1020(H) x 596(V)
Effective Pixels	NTSC: 976(H) x 494(V) / PAL: 976(H) x 582(V)
S/N Ratio	More than 50dB (AGC Off)
Min. Illumination	0.1 Lux
Sync. System	Internal
Gamma	$\gamma = 0.45$
Video Output	1.0 Vp-p Composite (75Ω)
Lens	Board, Pinhole Lens
Electronic Shutter	NTSC: 1/60~1/100,000 sec / PAL: 1/50~1/100,000 sec
2DNR	AUTO
Operating Temperature	14°F~122°F (-10°C~+50°C)
Storage Temperature	-4°F~140°F (-20°C~+60°C)
Humidity	Less than 80%
Power Consumption	DC 12V (±10%) Max. 70mA
Dimensions (mm)	Ø19 x 55
Options	Digital Day & Night