



22X Zoom Camera (220X)

KZC-221

Function

- 1/4" Sony CCD color camera
- 220X Zoom (Optical 26X, Digital 10X)
- Canon lens
- Minimum intensity of illumination 0.05 Lux (In case scanning slowly)
- Correcting the backlight, silhouette and shiver
- Presetting automatic watch on 64 areas
- Detecting motions and connecting to exterior sensors
- Auto focus function
- BLC, AWB, AGC, Reverse(H/V) & Negative functions
- Communication 1:1, 1:N (Remote controls upto 255 cameras) through PC program
- 1.2m wired remote controller (Option)
- KZC-220 (22X Zoom Camera Module) available

Specifications

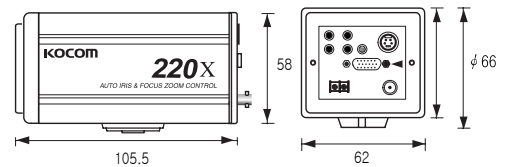
Model.No	KZC-221	
TV System	NTSC	PAL
Image Device	1/4" SONY CCD	
Total Pixels	410,000(H811xV508)	470,000(H795xV596)
Effective Pixels	380,000(H768xV494)	430,000(H752xV582)
Horizontal Frequency	15.734 KHz	15.625 KHz
Vertical Frequency	59.94 Hz	50.00 Hz
Total Zoom	220X (Optical 22X CANON lens, Digital 10X)	
Focal Length	F1.6 - F3.8, f = 4mm - 88mm	
View Angle	Wide : H47.31° V36.32°, Tele : H2.16° V1.42°	
Minimum Focusing	Wide : 10mm Tele : 1,000mm	
Focus	Auto / Manual	
Day & Night	Auto (filter auto change) / Manual (Normal, Night light)	
Screen Mask	Hide wanted area on the screen (Two area)	
Freeze Function	Select by OSD	
Position	64 Presets (Zoom, Focus)	
Motion Detection	ON(ALARM: TTL OUT) / OFF	
Reverse Function	H Reverse , V Reverse ON / OFF	
Negative Function	ON / OFF	
Phase Control	MIN / MAX	
Enhance Function	MIN / MAX (H-Gain , V-Gain)	
Scanning System	1 : 2 Interlace	
Synchronizing System	Internal & External (AC Line Lock) Mode	
Horizontal Resolution	470 TV Lines	
Video Signal Output	VBS : 1.0Vp-p	
Y / C Output	Y : 1.0Vp-p, C : 0.3Vp-p	
S / N	48dB High	
Shutter Speed	Auto, 1/60 - 1/10000	
Sensitivity	1 Lux (F1.6, 30 IRE)	
Slow Scan	0.05 Lux (Color)	
Day & Night	0.001 Lux(B/W)	
AGC / ALC / AES	Auto / Fix	
BLC	On / Off	
White Balance	Auto (ATW or AWB) / Fix	
External Control	RS-232C Remote Control (Optional)	
OSD Control	Zoom, Focus, Iris, WB, AGC Gain, Position, C Gain Motion Detection, Reverse	
OSD Language	English	
Operating Temperature	-10°C ~ +60°C	
Power Source	DC12V ± 1V	
Power Consumption	3.6W (Max)	
Weight	350g(Module)	

Picture View



Dimensions

• KZC-221



• KZC-220(Module)

