

# NIR Corrected Zoom Lens 近赤外対応ズームレンズ

## Y33Z23R (22.8 - 750mm) Series



配線図 ▶ P34・P36

Type	NEW AUTO FOCUS MODEL			REMOTE CONTROL FOCUS MODEL			
Model No.	Y33Z23RMAFP8EV	Y33Z23RAFP8EV	Y33Z23RAFP8EV	Y33Z23RMP8EV	Y33Z23RAP8EV	Y33Z23RADP8EV	
Format Size	2/3"						
Mount	C / CS (with CS adapter)						
Zoom Ratio	x33						
Focal Length	22.8-750mm						
Max. Aperture Ratio	1 : 4.5						
Iris Range	F4.5-F48		F4.5-F19.2	F4.5-F48		F4.5-F19.2	
Visible Light Cut Filter	760nm-950nm						
Applicable Wavelength	430nm-950nm						
Min. Object Distance	4.0m						
Angle of View	Diagonal / Horizontal / Vertical (4:3)						
	Wide	29.46° / 21.43° / 16.24°					
Tele	0.84° / 0.67° / 0.51°						
Operation	Iris	Remote Control	Auto Iris(Video) (& Remote*)	Auto Iris(DC)	Remote Control	Auto Iris(Video) (& Remote*) / Auto Iris(DC)	
	Zoom	Remote Control					
	Focus	Auto Focus & Remote Control			Remote Control		
	VC Filter	Remote Control					
TCS	Auto Thermal Compensation						
Iris (Remote Control or Video Auto)	Input Voltage	DC 8V-16V	DC 9V-16V	N/A	DC 8V-16V	DC 9V-16V / N/A	
	Current Consumption	Max. 40mA	Max. 50mA	N/A	Max. 40mA	Max. 50mA / N/A	
	Travel Time(End-End)	Max. 3sec.	N/A	N/A	Max. 3sec.	N/A / N/A	
	Input Signal	N/A	Video Signal (VS or V)	N/A	N/A	Video Signal (VS or V) / N/A	
	Accuracy	N/A	±15% at Image Signal	N/A	N/A	±15% at Image Signal / N/A	
	Sensitivity Adjustment	N/A	0.5-1.0 Vp-p	N/A	N/A	0.5-1.0 Vp-p / N/A	
	Metering Method	N/A	Average - Peak	N/A	N/A	Average - Peak / N/A	
	Response Speed	N/A	Max. 3sec.	N/A	N/A	Max. 3sec. / N/A	
Iris(DC Auto)	Drive Coil	N/A	190Ω ±10% (20°C)	N/A	N/A	190Ω ±10% (20°C)	
		N/A	Close to Open : 4.0V	N/A	N/A	Close to Open : 4.0V	
	Damp Coil	N/A	Open to Close : 0.5V	N/A	N/A	Open to Close : 0.5V	
	Response Speed	N/A	1150Ω ±10% (20°C)	N/A	N/A	1150Ω ±10% (20°C)	
Zoom (Remote Control)	Input Voltage	DC 8V-16V					
	Current Consumption	Max. 5mA (Circuit)					
	Operation Speed	Approx. 6sec. (Entire Range)					
Focus (Remote Control)	Input Voltage	DC 8V-16V					
	Current Consumption	Max. 5mA (Circuit)					
	Operation Speed	Approx. 12sec. (Entire Range)					
Auto Focus	Focusing Time	>2.0sec.			N/A		
Power Supply for Zoom/Focus/AF/VC/SC	Input Voltage	DC 8V-16V					
	Current Consumption	Max. 120mA (Stand By) / Max. 300mA (Zoom/Focus/AF/VC/TCS On) or Max. 400mA (Serial Control *)					
VC	Input Voltage	DC 3V-16V					
	Current Consumption	5mA (Circuit)					
TCS	Input Voltage	DC 8V-16V					
	Current Consumption	5mA (Circuit)					
Potentiometer for Preset		Zoom & Focus (& Iris*)	Zoom & Focus	Zoom & Focus (& Iris*)	Zoom & Focus		
Back Focus Adjustment System		Range : 17.526mm ±0.5mm					
Optical Axis Adjustment System		Range : ±0.4mm					
Back Focal Length		27.35mm (in air)					
Flange Back Length		17.526mm					
Filter Screw Size		M95mm P=1.0					
Dimension(HxWxD)		98 x 106 x 260.18mm					
Weight(Approx.)		2,800g					