

MSVF3X3313IR3-BCPN

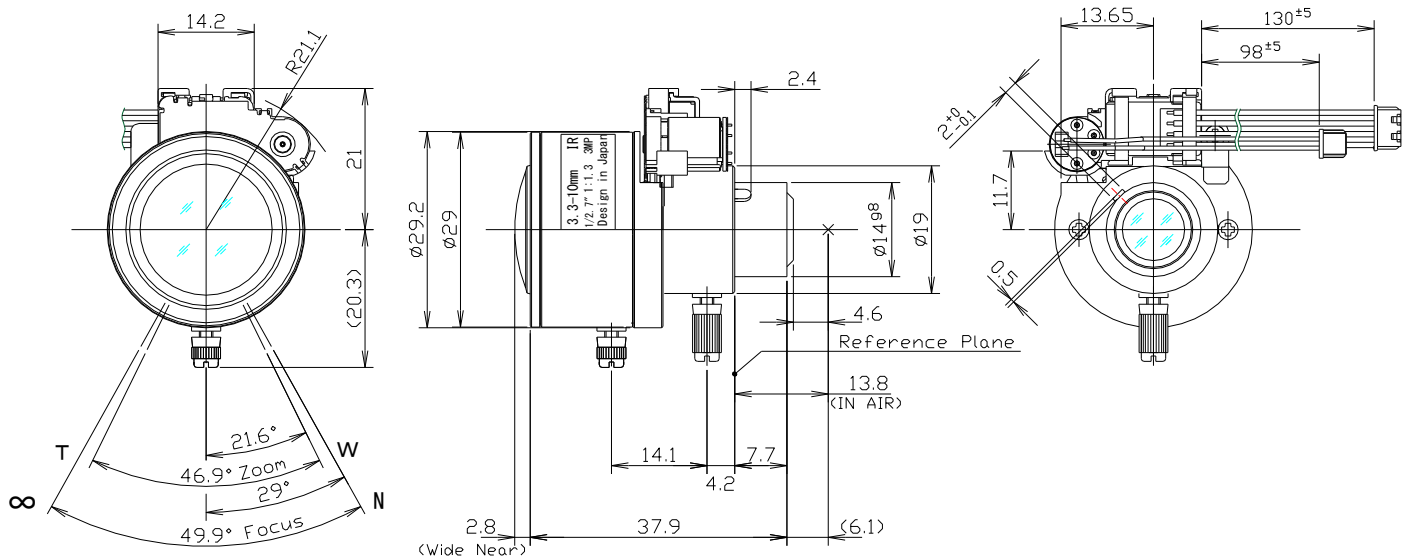


Type	AI VARI		Mount	φ 14 Straight Mount	
Focal Length	3.3~10.0mm		Back Focus	5.5~11.9mm	
Fno.	F1.3		Flange Back	13.8mm	
Designed Image Format	1/2.7" (φ 6.6)		Exit Pupil	-74.8 ~ -21.4mm	
Operation Range	Iris	F1.3-F16-Closed	Filter Size	-	
	Focus	0.5m~∞	Aperture	Front	φ 16.4mm
	Zoom	3.3~10.0mm		Rear	φ 6.7mm
Control	Iris	Motorized	Dimension		
	Focus	Manual Control			
	Zoom	Manual Control	Weight		
	ICR	DC Galvanometer			
Object Size at MOD (500mm)	Wide	683.8x1091.9mm	526.5x1324.6mm		
	Tele	216.5x291.9mm	176.3x320.1mm		
Field of View	D	127.6° ~ 39.9°	16:9	127.6° ~ 39.9°	
	H	4:3 93.6° ~ 31.9°		104.4° ~ 34.8°	
	V	67.5° ~ 23.9°		54.5° ~ 19.6°	
Control	Iris	IR cut filter	-	-	
Motor type	PM type stepping motor	Galvanometer	-	-	
Operation voltage	2.6V ~ 3.8V	3.0V ~ 5.0V	-	-	
Coil resistance	28.5Ω/phase ±10%	190Ω/phase ±10%	-	-	
Excite driving method	2phase Bipolar Constant voltage	-	-	-	
Reduction ratio	-	-	-	-	
Step angle	0.709°	-	-	-	
Insulation resistance	1MΩ or more	1MΩ or more	-	-	
pulse of fullstroke	-	-	-	-	
Input Signal	-				
Iris Accuracy	-				
Sensitivity Adjustment	-				
Operating Temperature	-10 ~ +50 °C				

DIMENSIONS

4:3 Screen D=6.6, H=5.28, V=3.96

16:9 Screen D=6.6, H=5.76, V=3.24



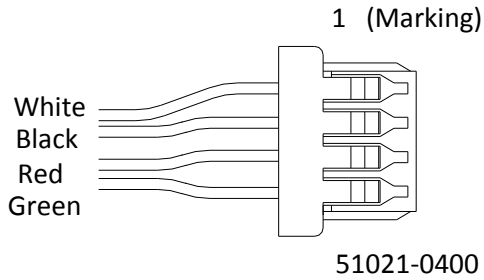
Subject to change without notice

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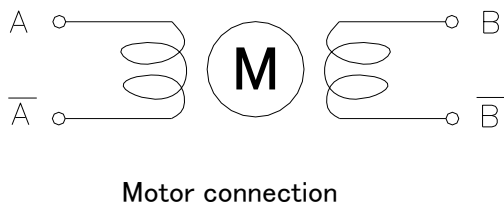
CONNECTION & CONTROL

(1) Auto Iris terminal



Pin number	Color	Assignment
1	White	\bar{A}
2	Black	B
3	Red	A
4	Green	\bar{B}

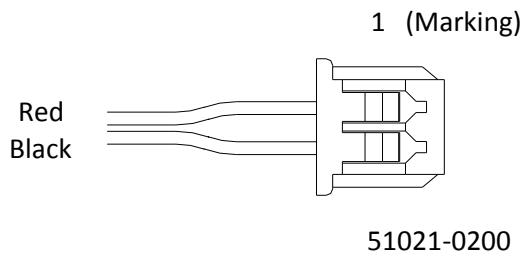
(2) Motor Control Excitation pattern



Iris CW: Open → Close

Excite Pattern of CW revolution				
Step	A	\bar{A}	B	\bar{B}
0	H	L	H	L
1	L	H	H	L
2	L	H	L	H
3	H	L	L	H

(3) IR Cut Filter Control terminal



Pin number	Color	Assignment
1	Red	IR IN/OUT(-/+)
2	Black	IR GND