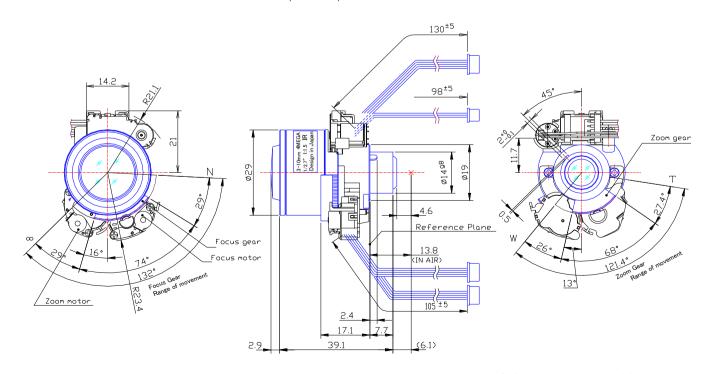


# MSVF3.3X0315IR-BCPN-MD2

Туре		AI VARI		Mount		$\phi$ 14 Straight Mount		
Focal Length		3.0 <b>~</b> 10.0mm		Back Focus		5.15~12.65mm		
Fno.		F1.5		Flange Back		13.8mm		
Designed Image Form	nat	$1/2.7''(\phi 6.6)$		Exit Pupil		-54.63 <b>~</b> −20.95mm		
	Iris	F1.5-F16-Closed		Filter Size		_		
Operation Range	Focus	0.5m~∞		A nortura	Front $\phi$ 15.		.41mm	
	Zoom	3.0~10.0mm		Aperture	Rear	$\phi$ 6.14	4mm	
	Iris	Motorized						
Control	Focus	Motorized		Dimension		$\phi$ 29	x 39.1mm	
Control	Zoom	Motorized		Weight		25g		
	ICR	DC Galvanometer						
Object Size at MOD	Wide	789.9x1351.1mm		598.3x1708.2i	mm			
(500mm)	Tele	218.0x293.6mm		177.6x321.7mm				
	D	4:3 144.8° ~4			° ∼40.2°			
Field of View	Н	Screen 106.0° ~3		Screen 118.4				
	V	(1/2.7) <b>75.6° ~2</b> 4	l.2°	(1/2.7) 61.0°				
Control		<u>Iris</u>		Focus Zoom			IR cut filter	
Motor type		PM type		PM type	PM type		Galvanometer	
Wotor type		stepping motor	stepping motor		stepping motor			
Operation voltage		2.6V ~ 3.8V	2.			1.8V	3.0V ~ 5.0V	
Coil resistance		28.5 $\Omega$ /phase $\pm 10\%$		$20\Omega$ /phase $\pm 8\%$			190 $\Omega$ /phase $\pm 10\%$	
Excite driving met	hod	2phase Bipolar	2phase Bipolar		2phase Bipolar		_	
Excite driving med	100	Constant voltage	Cor	nstant voltage Constant				
Reduction ratio		_		1/45	1/45		-	
Step angle		0.709°		0.4°	0.4°		-	
Insulation resistance		$1 M \Omega$ or more	1M	lΩ or more 1MΩ or r			$1 M \Omega$ or more	
pulse of fullstroke		- 1677 1323 <i>-</i>			_			
Input Signal		-						
Iris Accuracy	_							
Sensitivity Adjustmen	-							
Operating Temperature		−10 <b>~</b> +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



# MSVF3.3X0315IR-BCPN-MD2



### **CONNECTION & CONTOROL**

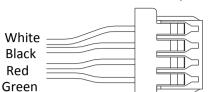
#### (1) Auto Iris terminal

Pin number

2

3

4



51021-0400

1 (Marking)

Assignment	
Ā	
R	

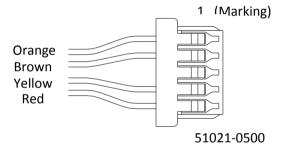
# (3) Zoom Moter Control terminal

Color White

Black

Red

Green



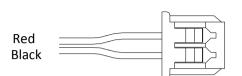
Pin number	Color	Assignment
1	Orange	В
2	Brown	Α
3	N/A	N/A
4	Yellow	B
5	Red	Ā

## (5)Moter Control Excitation pattern



Motor connection

#### (2) IR Cut Filter Control terminal

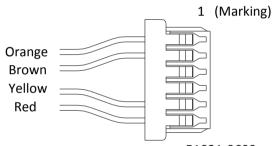


51021-0200

1 (Marking)

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

#### (4) Focus Moter Control terminal



51021-0600

Pin number	Color	Assignment	
1	Orange	В	
2	Brown	Α	
3	N/A	N/A	
4	N/A	N/A	
5	Yellow	B	
6	Red	Ā	

Iri	S	CW:	0	pen	$\rightarrow$	<u>Clos</u> e

Excite Pattern of CW revolution							
Step A Ā B B							
0	Ι	L	Ι	L			
1	L	Ι	Ι	L			
2	L	Ι	L	Н			
3	Η	L	L	Н			

Focus & Zoom

Excite Pattern of CW revolution							
Step	Step A Ā B B						
0	Н	L	Η	L			
1	L	Ι	Η	L			
2	L	Ι	L	Ι			
3	Н	L	Ĺ	Н			