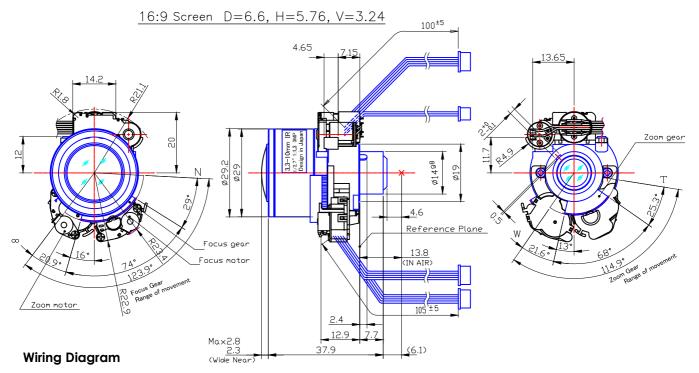


## MSVF3X3313IR3-BCDN-MD2

Туре		AI VARI	Mount		Ø14 Straight Mount			
Focal Length		3.3~10.0mm	Back Focus		5.5~11.9mm			
Fno.		F1.3	Flange Ba	Flange Back		13.8mm		
Designed Image Format		1/2.7"(\$\phi\$6.6)	Exit Pupil		-74.8 ~ −21.4mm			
	Iris	F1.3-T360	Filter Size	Filter Size		_		1/2.7"
Operation Range	Focus	0.5m~ ∞	Aperture	Front	ont ø		16.4mm	
	Zoom	3.3~10.0mm	Aperture	Rear	ear Ø 6.7		mm	
Control	Iris	DC Galvanometer		·				
	Focus	Motorized	Dimension		ø29 x 37.9mm			
	Zoom	Motorized	Weight		28.5g			
Object Size at MOD	Wide	685.5x1095.9mm	527.7x1331.1mm					
(500mm) Tele		216.7x292.2mm	176.5x320	176.5x320.4mm				
Field of View	D	4:3 128.2°~39.9	°   16:9 12	8.2°~3	39.9°			FM
	Н	Screen 93.9°~31.9°	Screen 104.8°~34.8°		_			
	V	(1/2.7) 67.7°~24.0°	(1/2.7) 52	4.7°∼ 1	9.6°	_		
Control		Iris	Focus	Focus Zoo		m	IR cut filter	
Motor type		Galvanometer	PM type stepping mo	PM type PM ty stepping motor stepping			Galvanometer	
Operation voltage		3.0V ~ 5.0V	2.6V ~ 4.8V		2.6V ~		3.0V ~ 5.0V	
Driving Coil resistance		$190\Omega/\text{phase}\pm10\%$	$20\Omega/\text{phase}\pm8\%$			190Ω/phase±10%		
		$855\Omega/\text{phase}\pm10\%$					_	
Excite driving method		_	2phase Bipolar 2phase B Constant voltage Constant					
Reduction ratio		_	1/45		1/4	5	_	
Step angle		_	0.4°		0.4		_	
Insulation resistance		1MΩ or more	1MΩ or moi	re 11	MΩ or	more	$1 M\Omega$ or more	BCDN
pulse of fullstroke		_	1441		11	61	_	
Operating Temperature		−10 ~+50 °C						

## **DIMENSIONS**

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



1) 4-pin Connector for Auto Iris (Molex : 51021-0400 Single Socket)

Pin No.1	Yellow	Damping(+) ▶
2	Orange	Damping(-)
3	Brown	Driving (+)
4	Red	Driving (-)

2) 2-pin Connector for IR Cut Filter (Molex: 51021-0200 Single Socket)

Pin No.1	Red	IR IN/OUT(+-)►
2	Black	IR GND