







Lenses



Auto Iris Zoom Lenses 1/2" Manual

Model Number	VM0851-2-MZ
Image Format	1/2"
Focal Length	8~48mm
Aperture	F1.2~560C
Angle of View	(H) 8.0°~44.6°
	(V) 6.1°~35.5°
Object Distance	1.2m~∞
Iris	By galvano control
Focus	By manual
Zoom	By manual
Filter Size	M49 P=0.75mm
Mount	C-Mount
Operating Temp.	-10°C~+50°C
Dimensions	∅51x37.7x97
Weight	295g



1/3" Motorised Zoom		1/2" Motorised Zoom						
VD5734-3-Z & ZP		VD5757-3-Z & ZP		VD8080-2-Z & ZP		VD75120-2-Z & ZP		
								
Model Number		VD5734-3-Z & ZP	VD5757-3-Z & ZP	VD8080-2-Z & ZP	VD75120-2-Z & ZP			
Image Format		1/3"		1/2"				
Focal Length		5.7~34.2mm	5.7~57mm	8~80mm	7.5~120mm			
Aperture		F1.0~360	F1.2~560	F1.2~560	F1.6~560			
Angle of View (H)		8.1°~45.9°	4.8°~44.6°	4.7°~44.0°	3.2°~46.6°			
(Tele~Wide) (V)		6.2°~34.8°	3.7°~34.2°	3.5°~33.3°	2.4°~35.3°			
Object Distance		1.2m~∞	1.8m~∞	1.5m~∞	1.5m~∞			
Iris (Dc Auto Iris)	Drive Coil	190 ohm						
	Control Coil	1000 ohm						
Focus	Input Voltage	DC 8v (Motorised)						
	Current (Max.)	20 / 25 mA	20 / 25 mA	40 / 45 mA	45 / 40 mA			
	Transit Time (approx.)	3 / 3.5 sec.	3 / 3.5 sec.	5 / 5.5 sec.	3.5 / 3.5 sec.			
	Potentiometer	- / 5KVR						
Zoom	Input Voltage	DC 8v (Motorised)						
	Current (Max.)	20 / 25 mA	20 / 25 mA	40 / 50 mA	35 / 25 mA			
	Transit Time (approx.)	3.5 / 4 sec.	3.5 / 4 sec.	4.5 / 5.5 sec.	3.5 / 3.5 sec.			
	Potentiometer	- / 5KVR						
Filter Size		M49 p=0.75mm	M49 p=0.75mm	M62 p=0.75mm	M72 p=0.75mm			
Mount		CS-Mount			C-Mount			
Operating Temperature		-10°C~+50°C						
Dimensions (DxWxL)		∅82.5x68.5x76.3	∅88x68.5x76.3	∅123.5x70x79.5	∅149x82x97.4			
Object Distance		440 / 480g	460 / 500g	630 / 670g	1010 / 1050g			

Manual Iris Lenses

FEATURES



- 1/3" Options Available
- Cost Effective
- Ideal for Internal Applications
- Fixed and Vari Focal Length Versions Available

Auto Iris Lenses

FEATURES



- 1/3" and 1/2" Options Available
- IR Corrected Lenses utilise ED Glass (Extra-Ordinary Low Dispersion)
- IR Corrected Lenses provide Superior Image Clarity during both Day and Night
- Auto Iris Lenses are Pre-Plugged
- Aspherical Versions Available

Auto Iris Zoom Lenses

FEATURES



- 1/3" and 1/2" Options Available
- Extensive Selection
- Pre-set Versions Available
- Auto Iris Leads Pre-Plugged
- Motorised Zoom and Focus

Manual Iris Lenses 1/3" Fixed Focal

VM26-3



VM40-3 & VM80-3



Model Number	VM26-3	VM40-3	VM80-3
Image Format	1/3"		
Focal Length	2.6mm	4mm	8mm
Aperture	F1.6~11C	F1.2~16C	F1.2~16C
Angle of View (H)	99.6°	63.9°	34.7°
Mount	CS-Mount		
M.O.D. (m)	0.3	0.2	0.2
Effective Aperture Front (0mm)	16.4	15.5	15
Rear (0mm)	8	8.5	8.8
Dimensions (DxWxL)	Ø34.5x34.7	Ø34.5x33	Ø34.5x33
Weight	45g	36g	37g

Auto Iris Lenses 1/3" Fixed Focal

VD26-3



VD40-3 & VD80-3



Model Number	VD26-3	VD40-3	VD80-3	
Image Format	1/3"			
Focal Length	2.6mm	4mm	8mm	
Aperture	F1.6~360	F1.2~360		
Angle of View	(H)	99.6°	63.9°	34.7°
	(V)	75.4°	49.1°	25.9°
Object Distance	0.1m~∞	0.2m~∞		
Filter Size	-	M30.5 p=0.5mm		
Mount	CS-Mount (Lens Attitude Adjustable)			
Operating Temp.	-20°C~+50°C			
Dimensions (DxWxL)	Ø32x39.8x34.6	Ø32.0x39.8x33.0		
Weight	42g	38g	39g	

Manual Iris 1/3" Vari Focal

VM1836-3 & VM2780-3



VM3580-3



VM2812-3



VM5050-3



Model Number	VM1836-3	VM2780-3	VM3580-3	VM2812-3	VM5050-3	
Image Format	1/3"					
Focal Length	1.8~3.6mm	2.7~8mm	3.5~8mm	2.8~12mm	5~50mm	
Aperture	F1.6~360	F1.0~360	F1.4~360	F1.3~360	F1.3~360	
Angle of View	(H)	144.2° ~79.4°	100.0° ~36.2°	77.6° ~35.4°	98.2° ~23.8°	51.8° ~5.6°
	(V)	109.4° ~59.6°	73.8° ~27.0°	57.6° ~26.6°	73.6° ~17.8°	39.2° ~4.3°
Object Distance	0.2m~∞	0.3m~∞	0.4m~∞	0.3m~∞	0.8m~∞	
Mount	CS-Mount					
Operating Temp.	-20°C~+50°C					
Dimensions (DxWxL)	Ø37.4 x51.0	Ø41.6 x48.8	Ø34.0 x43.5	Ø40.7 x56.0	Ø47.0 x57.7	
Weight	68g	63g	38g	64g	150g	

Auto Iris 1/2" Fixed Focal

VD60-2 & VD12-2



Model Number	VD60-2	VD12-2	
Image Format	1/2"		
Focal Length	6mm	12mm	
Aperture	F1.4~360		
Angle of View	(H)	58.3°	30.4°
	(V)	44.3°	22.7°
Object Distance	0.2m~∞	0.3m~∞	
Filter Size	M30.5p=0.5mm		
Mount	CS-Mount (Lens Attitude Adjustable)		
Operating Temp.	-20°C~+50°C		
Dimensions (DxWxL)	Ø32.0x39.8x33.0		
Weight	37g	35g	

Auto Iris Lenses 1/3" Vari Focal

VD1836-3 & VD2780-3

VD3580-3

VD2812-3

VD5050-3



Model Number	VD1836-3	VD2780-3	VD3580-3	VD2812-3	VD5050-3
Image Format	1/3"				
Focal Length	1.8~3.6mm	2.7~8mm	3.5~8mm	2.8~12mm	5.0~50mm
Aperture	F1.6~360	F1.0~360	F1.4~360	F1.3~360	F1.3~360
Angle of View	(H) 144.2°~79.4°	100.0°~36.2°	77.6°~35.4°	98.2°~23.8°	51.8°~5.6°
	(V) 109.4°~59.6°	73.8°~27.0°	57.6°~26.6°	73.6°~17.8°	39.2°~4.3°
Object Distance	0.2m~∞	0.3m~∞	0.4m~∞	0.3m~∞	0.8m~∞
Filter Size	-				M37.5 P=05
Mount	CS Mount				
Operating Temp.	-20°C~+50°C				
Dimensions (DxWxL)	Ø38x42.6x50.5	Ø38.5x48x48.8	Ø33.5x42.6x43.5	Ø37.5x53.6x56	Ø41.7x57.5x57.7
Weight	78g	65g	48g	69g	125g

Auto Iris 1/2" Vari Focal

VD4510-2

VD1030-2

VD3510-3-IR

VD8450-3-IR

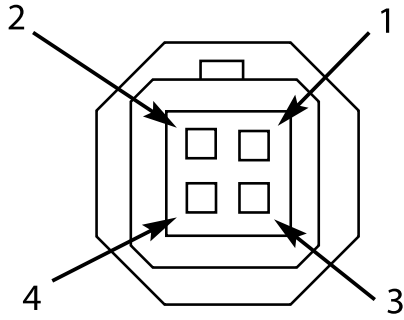
VD4512-2-IR



Model Number	VD4510-2	VD1030-2	Model Number	VD3510-3-IR	VD8450-3-IR	VD4512-2-IR
Image Format	1/2"		Image Format	1/3"	1/2"	
Focal Length	4.5~10mm	10~30mm	Focal Length	3.5~10.5mm	8.5~40mm	4.5~12.5mm
Aperture	F1.6~360	F1.4~360	Aperture	F1.0~360	F1.3~360	F1.2~360
Angle of View	(H) 81.3°~38.2°	35.7°~12.5°	Angle of View	(H) 81.8°~27.2°	33.5°~7.1°	83.7°~30.1°
	(V) 60.4°~28.7°	26.8°~9.4°		(V) 59.2°~20.4°	24.4°~5.3°	61.3°~22.6°
Object Distance	0.3m~∞	0.6m~∞	Object Distance	0.3m~∞	0.8m~∞	0.3m~∞
Filter Size	-	M37.5 P=0.5	Filter Size	-	M37.5 P=0.5	M35.5 P=0.5
Mount	CS Mount		Mount	CS-Mount		
Operating Temp.	-20°C~+50°C		Operating Temp.	-20°C~+50°C		
Dimensions (DxWxL)	Ø33.5x42.6x43.5	Ø41.7x57.5x57.7	Dimensions (DxWxL)	Ø38.5x48x48.8	Ø41.7x57.5x62.9	Ø38.5x47.5x48.8
Weight	54g	120g	Weight	65g	126g	68g

Auto Iris 1/3" & 1/2" Vari Focal IR/Corrected

Wiring for Auto Iris Lenses - Auto Iris 4 Pin Plug Connector



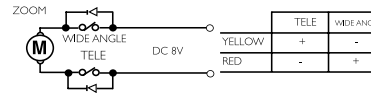
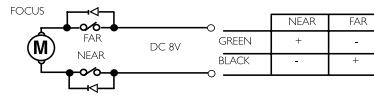
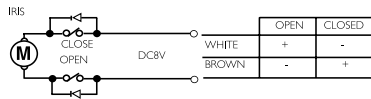
No.	CONNECTION	COLOUR	
DC	1	CONTROL -	BROWN
	2	CONTROL +	RED
	3	DRIVE +	YELLOW
	4	DRIVE -	ORANGE
VIDEO	1	12+	RED
	2	NOT USED	-
	3	VIDEO	WHITE
	4	GND	BLACK

* **Note:** Connections correct for the Vantage range of cameras

Wiring for Motorised Zoom Lenses

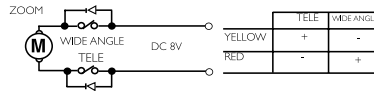
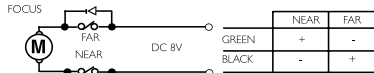
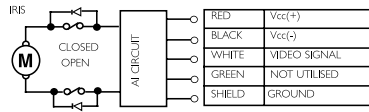
Motorised Zoom 3 Motor Type

Iris, Focus, Zoom, adjusted by controller.



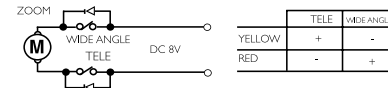
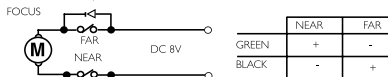
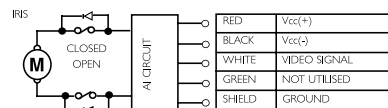
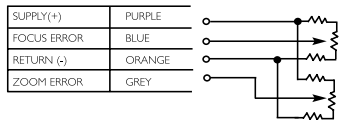
Remarks: Connect together with Brown (Iris), Black (Focus) and Red (Zoom) for common systems when necessary.

Auto iris with Motorised Zoom, Focus



Remarks: Connect together with Black (Focus) and Red (Zoom) for common systems when necessary.

AI, Motorised Zoom with Preset on Zoom and Focus



Remarks: Connect together with Black (Focus) and Red (Zoom) for common systems when necessary.

N.B.

If preset potted zoom/focus lenses are used in a preset tour installation, and this receiver function is used excessively, the wear and tear on the zoom and focus motors and clutches is not covered by warranty.

* **Note:** All physical measurements are in mm

Distributor Details