

VL SERIES High Quality 1/3" Varifocal Lenses

GREAT LENSES, GREAT PICTURES

Megapixel**aspherical +
IR****infrared****aspherical****auto iris****manual IRIS**

Clarity Begins With Your Lens

High quality images start with a great lens. The ARM VL Series of high performance varifocal lenses are designed to maximize the quality of any professional camera. All ARM manual-iris, auto-iris, aspherical, infrared and megapixel lenses are offered in sizes to fit both wide angle and long range applications. ARM VL Series lenses are designed to work with 1/3" format, CS mount, DC auto-iris cameras. To maximize performance, only high quality glass elements are used in all lenses. From manual-iris models which work best in constant lighting to high quality megapixel models designed to work with high resolution IP cameras, ARM has the lenses you need to give you the picture quality you deserve. The ARM VL Series is feature-packed with:

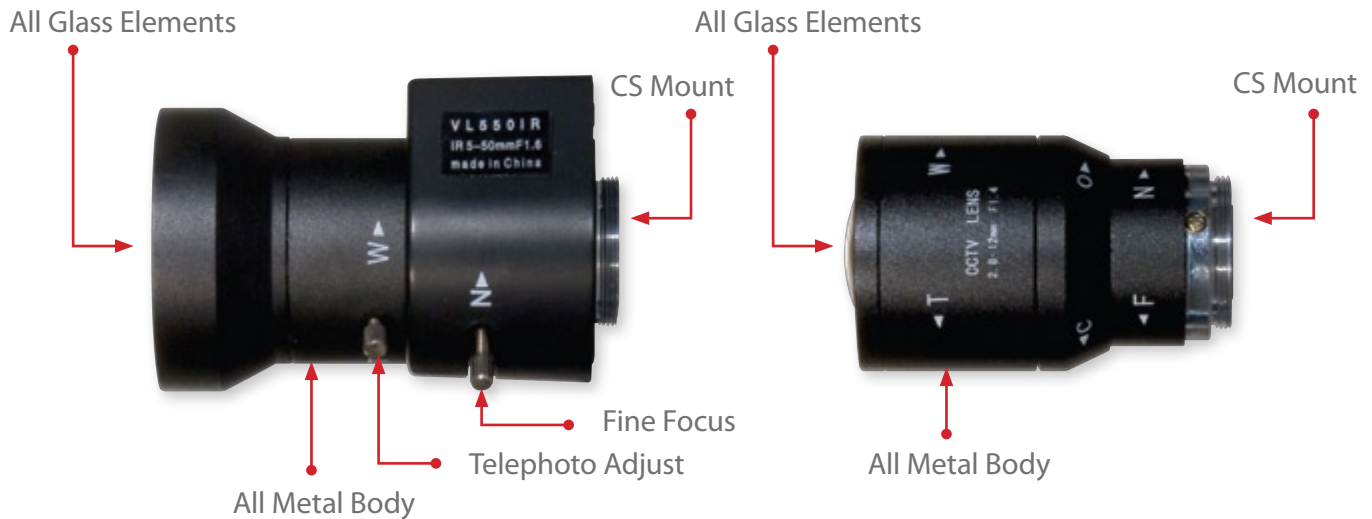
- All Glass Elements
- Low F-Stop Ratings
- Aspherical Technology (AS /ASIR models)
- IR Correction (IR / ASIR models)
- Easy Adjustments
- Full Metal Bodies (Excludes ASIR)



Lens shown is
VL550IR

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FEATURES + BENEFITS



High Performance

All Glass Elements

Full glass elements resist scratches and last longer than plastic lens elements.
(All Models)

Super Low F-Stop

Low F-ratings allow a lens to have a higher sensitivity to light, creating better images. VL308AS and VL308ASIR's low 1.0 F-rating creates brighter, higher resolution images.

1.3 Megapixel Lenses

The ARM VL2810MP13 and VL550MP13 are super high resolution lenses designed to work with megapixel IP cameras. Take full advantage of your megapixel cameras resolution by only using megapixel lenses.

Convenience

Multiple Applications

ARM has the lens needed for any application. Manual-iris work best in constant lighting, auto-iris models work best in changing lighting conditions.

Multiple Lens Sizes

From the wide angle 2.8-12mm to the super telephoto 5-100mm, ARM lenses give you the perfect field of view for any application.

Easy Adjustments

All ARM lenses are designed to provide smooth telephoto and fine focus lens adjustments for dialing in the perfect image.

Total Security

Aspherical Technology

Aspherical shaped lenses focus more available light onto a camera's image sensor increasing sensitivity creating higher resolution images.
(AS & ASIR Models)

IR Corrective Glass

IR lenses minimize focus shifts when switching from color to B/W mode creating clear, crisp images 24/7.
(IR & ASIR Models)

Aspherical + IR

These lenses combine the benefits of Aspherical and IR technology, perfect for True Day/Night cameras with IR cut-filters.
(ASIR Models)

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MODEL NUMBERS | QUICK GUIDE | RECOMMENDED PRODUCTS



I NEED...	WIDE ANGLE FOV	STANDARD FOV	LONG RANGE FOV	AUTO IRIS LENS	MANUAL IRIS LENS	ASPHERICAL LENS	IR LENS	ASPHERICAL + IR LENS	1.3 MEGA PIXEL LENS
VL358MI		✓			✓				
VL2812MI	✓				✓				
VL550MI			✓		✓				
VL358AI		✓		✓					
VL2812AI	✓			✓					
VL550AI			✓	✓					
VL358IR		✓		✓			✓		
VL2812IR	✓			✓			✓		
VL550IR			✓	✓			✓		
VL308AS		✓		✓		✓			
VL5100AS			✓	✓		✓			
VL308ASIR		✓		✓		✓	✓	✓	
VL2812ASIR	✓			✓		✓	✓	✓	
VL850ASIR			✓	✓		✓	✓	✓	
VL2810MP13	✓			✓					✓
VL550MP13			✓	✓					✓

RECOMMENDED PRODUCTS



C550
Use with MI, AI and AS Lens Models



C550DN
Use with IR, AS and ASIR Lens Models



MP13BDNWD
Use with MP13 Lens Models

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TECHNICAL SPECIFICATIONS



SPECIFICATIONS	VL358MI	VL2812MI	VL550MI	VL358AI	VL2812AI	VL550AI	VL2810MP13	VL550MP13
Format	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Mount	CS	CS	CS	CS	CS	CS	CS	CS
Lens Type	Standard	Standard	Standard	Standard	Standard	Standard	Megapixel	Megapixel
Iris	Manual	Manual	Manual	DC Auto	DC Auto	DC Auto	DC Auto	DC Auto
Focal Length	3.5-8mm	2.8-12mm	5-50mm	3.5-8mm	2.8-12mm	5-50mm	2.8-10mm	5-50mm
Aperture	F1.4-F360	F1.4-F360	F1.4-F360	F1.4-F360	F1.4-F360	F1.4-F360	F1.6-F360	F1.6-F360
Field of View	95.5°-44.6°	104°-33°	52.2°-5.7°	95.5°-44.6°	104°-33°	52.2°-5.7°	104°-35°	76°-8.8°
Dimensions	1.3" x 1.7"	1.6" x 2.2"	1.5" x 3.5"	1.3" x 1.7"	1.6" x 2.2"	1.5" x 3.5"	1.3" x 1.6"	1.3" x 2.4"
Camera Body	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal
Weight	0.20lb	0.29lb	0.37lb	0.20lb	0.30lb	0.38lb	0.20lb	0.23lb



SPECIFICATIONS	VL358IR	VL2812IR	VL550IR	VL308AS	VL5100AS	VL308ASIR	VL2812ASIR	VL850ASIR
Format	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Mount	CS	CS	CS	CS	CS	CS	CS	CS
Lens Type	Infrared	Infrared	Infrared	Aspherical	Aspherical	Aspherical + Infrared	Aspherical + Infrared	Aspherical + Infrared
Iris	Manual	Manual	Manual	DC Auto	DC Auto	DC Auto	DC Auto	DC Auto
Focal Length	3.5-8mm	2.8-12mm	5-50mm	3-8mm	5-100mm	3-8mm	2.8-12mm	8-50mm
Aperture	F1.2-F360	F1.4-F360	F1.6-F360	F1.0-F360	F1.6-F360	F1.0-F360	F1.2-F360	F1.3-F360
Field of View	95.5°-44.6°	104°-33°	52.2°-5.7°	91.5°-44.6°	76.2°-3.4°	90.5°-33.6°	124.5°-23.7°	36.6°-5.6°
Dimensions	1.3" x 1.7"	1.6" x 2.2"	1.5" x 3.5"	1.3" x 1.7"	1.9" x 4.3"	1.4" x 1.9"	1.4" x 2.1"	1.5" x 2.2"
Camera Body	Metal	Metal	Metal	Metal	Metal	Composite	Composite	Composite
Weight	0.23lb	0.29lb	0.46lb	0.23lb	0.37lb	0.12lb	0.13lb	0.15lb

