



Beyond your eyes, The ultimate lens

DAIWON OPTICAL



ABOUT DAIWON

Established in 1988, DAIWON OPTICAL CO.,LTD. has been leading manufacturer specialized in wide range of cutting edge lenses optimally designed for CCTV cameras, PC cameras, IP cameras, and the cameras for automotive application. Our accumulated know-how with continual technical enhancement, top-quality oriented management and proactive sales development has rewarded DAIWON OPTICAL as a globally outstanding company that has increased our strong reputation in terms of precision optical expertise.

Experienced of operating a global standard excellence in the quickly paced industries, we have facilitated the innovative and customer satisfied quality lenses starting from construction to counseling, upto actual production Qualified with ISO 9001:14000, IATF16949 our rapid responding service and technology are striving with more than decade-experienced engineering workmanship.

DAIWON OPTICAL CO.,LTD.is continuously striving to become the most trusted company and to lead the technology for the industry with the best service.

Milestone

2014~2016

Released 16 Megapixel Fisheye Lens
Released 16 Megapixel Fixed Board Mount for Sports Camera
Released 3 Megapixel Pinhole Lens
Released 2 Megapixel Doorbell Lens
Released Automotive Surround View Lens
Acquired ISO TS16949

2010~2013

Released Board Mount Vari-focal Motorized Zoom Lens(x8.3)
Developed 5 Megapixel Fixed C mount lens(f 50mm)
Released 3 Mega-pixel CS Mount Vari-focal Lens and P-Iris Vari-Focal Lens
Released 3 Mega-pixel Board Mount Vari-focal Lens
Appointed as Green partner by Sony Corporation
Acquired ISO 14001

2006~2009

Released Mega-pixel CS Mount Vari-focal Lens
Released Easy-focus Lens and Mega-pixel Board Mount Vari-focal Lens
Released Mega-pixel Board Lens
Released Vari-focal IR Lens
Awarded '10 Million USD Export Prize' , Korea Intenational Trade Association

2000~2005

Released IR Lenses
Released New Vari-focal Lenses
Produced and Exported High Definition Digital Camera Lenses
Acquired ISO 9001
Awarded '5 Million USD Export Prize' , Korea International Trade Association

1988~1999

DAIWON OPTICAL COMPANY established
Started Optical manufacturing business in Camera Lenses and Lenses for Binoculars
Produced and Exported PC and Digital Camera Lenses
Obtained a Patent in field of 'Optical System of the Pinhole Camera Lenses'
Awarded '1 Million USD Export Prize' , Korea International Trade Association
Released and Exported Vari-focal Lens and Aspherical Hybrid Lens



VARIFOCAL BOARD LENS

- 3M
- 2M
- 1.3M
- VGA



VIR28110-3MASDN

Format Size : 1/2.7"
Focal Length : 2.8~11.0mm
Aperture : F1.4
Angle of View : 1/2.7" (H)123.5°~36.6°



28110-2MDN

Format Size : 1/2.7"
Focal Length : 2.8~11.0mm
Aperture : F1.6
Angle of View : 1/2.7" (H)104.4°~36.3°



35160-3MASDN

Format Size : 1/2.7"
Focal Length : 3.5~16.0mm
Aperture : F1.4
Angle of View : 1/2.7" (H)89.4°~24.3°



VIR36160MASDN

Format Size : 1/2.7"
Focal Length : 3.6~16.0mm
Aperture : F1.2
Angle of View : 1/2.7" (H)91.6°~24.5°

Reasonable Price
Best quality



DAIWON Lens



60500-3MASDN

Format Size : 1/2.7"
Focal Length : 6.0~50.0mm
Aperture : F1.6
Angle of View : 1/2.7" (H)55.8°~6.9°



VIR50500ASDN

Format Size : 1/3"
Focal Length : 5.0~50.0mm
Aperture : F1.4
Angle of View : 1/3" (H)51.5°~6.5°

DOOR BELL LENS

- 2M



17626-2MAS

Format Size : 1/3"
Focal Length : 1.7mm
Aperture : F2.6
Angle of View : 1/3" (H)160°



17620-2MAS

Format Size : 1/2.8"
Focal Length : 1.7mm
Aperture : F2.0
Angle of View : 1/2.8" (H)190°

SPORTS CAM LENS

- 16M



27629CM-16MAS

Format Size : 1/2.3"
Focal Length : 2.7mm
Aperture : F2.9
Angle of View : 1/2.3" (H)120°



[Under Development]

16MP Sport Cam

Format Size : 1/2.3"
Focal Length : 2.7mm
Aperture : F1.9
Angle of View : 1/2.3" (H)120°

FISH EYE LENS

- 5M
- VGA



14818-5M

Format Size : Φ 3.202mm
Focal Length : 1.4mm
Aperture : F1.8
Angle of View : 182°



DW9813

Format Size : 1/3"
Focal Length : 1.78mm
Aperture : F3.0
Angle of View : 156.3°

BOARD LENS

- 3M
- 2M
- VGA



19620-3MAS

Format Size : 1/3"
Focal Length : 1.9mm
Aperture : F2.0
Angle of View : 1/3" (H)132°



24620-2MAS

Format Size : 1/3"
Focal Length : 2.4mm
Aperture : F2.0
Angle of View : 1/3 (H)122.2°



25620-3M

Format Size : 1/2.7"
Focal Length : 2.5mm
Aperture : F2.0
Angle of View : 1/2.7" (H)136.5°



29620-3M

Format Size : 1/2.7"
Focal Length : 2.9mm
Aperture : F2.0
Angle of View : 1/2.7" (H)120.2°



31420-2M

Format Size : 1/3"
Focal Length : 3.1mm
Aperture : F2.0
Angle of View : 1/3" (H)100°



36420-3M

Format Size : 1/2.7"
Focal Length : 3.6mm
Aperture : F2.0
Angle of View : 1/2.7" (H)88.0°



VIR37618M-F2.5

Format Size : 1/2.7"
Focal Length : 3.7mm
Aperture : F2.5
Angle of View : 1/2.7" (H)97.8°



VIR43618M-F2.5

Format Size : 1/2.7"
Focal Length : 4.3mm
Aperture : F2.5
Angle of View : 1/2.7" (H)84.4°



VIR60618-3M

Format Size : 1/2.7"
Focal Length : 6.0mm
Aperture : F1.8
Angle of View : 1/2.7" (H)55.8°



VIR80618-3M

Format Size : 1/2.7"
Focal Length : 8.0mm
Aperture : F1.8
Angle of View : 1/2.7" (H)40.6°



DW2162

Format Size : 1/3"
Focal Length : 2.1mm
Aperture : F2.0
Angle of View : 1/3" (H)125.9°



DW9611

Format Size : 1/3"
Focal Length : 12mm
Aperture : F2.2
Angle of View : 1/3" (H)20.1°



DW9711

Format Size : 1/3"
Focal Length : 16mm
Aperture : F2.5
Angle of View : 1/3" (H)16.3°



DW25425

Format Size : 2/3"
Focal Length : 25mm
Aperture : F2.5
Angle of View : 2/3" (H)20.1°



DW350420

Format Size : 2/3"
Focal Length : 35mm
Aperture : F2.0
Angle of View : 2/3" (H)14.3°



DW500425

Format Size : 1/2"
Focal Length : 50mm
Aperture : F2.5
Angle of View : 1/2" (H)7.3°



Cost Effective Lenses
With The Sharpest
Effects!



AUTOMOTIVE LENS

- 3M
- 2M
- 1.3M
- VGA





60620-3M

Format Size : 1/2.7"
Focal Length : 6.0mm
Aperture : F2.3
Angle of View : 1/2.7" (H)56.7°





60520CM-2M

Format Size : 1/3"
Focal Length : 6.0mm
Aperture : F2.0
Angle of View : 1/3" (H)46.7°





10620MAS

Format Size : 1/4"
Focal Length : 0.9mm
Aperture : F2.0
Angle of View : 1/4" (H)190.6°





12624MAS

Format Size : 1/3"
Focal Length : 1.2mm
Aperture : F2.4
Angle of View : 1/3" (H)192.8°





10622MAS

Format Size : 1/4"
Focal Length : 1.0mm
Aperture : F2.2
Angle of View : 1/4" (H)190.0°





17620-2M

Format Size : 1/2.8"
Focal Length : 0.9mm
Aperture : F2.0
Angle of View : 1/2.8" (H)190.0°





18524MAS

Format Size : 1/3"
Focal Length : 1.2mm
Aperture : F2.4
Angle of View : 1/3" (H)154.3°





15422MAS

Format Size : 1/4"
Focal Length : 1.5mm
Aperture : F2.2
Angle of View : 1/4" (H)140.0°





DW178720

Format Size : 1/4"
Focal Length : 1.78mm
Aperture : F2.0
Angle of View : 1/4" (H)121°





DW2425F

Format Size : 1/3"
Focal Length : 2.4mm
Aperture : F2.5
Angle of View : 1/3" (H)120.0°





DW245625

Format Size : 1/3"
Focal Length : 2.45mm
Aperture : F2.5
Angle of View : 1/3" (H)123.5°

PINHOLE LENS

- 3M
- VGA





9803-3MASK

Format Size : 1/2.7"
Focal Length : 4.3mm
Aperture : F2.0
Angle of View : 1/2.7" (H)74.5°





DW9412

Format Size : 1/3"
Focal Length : 5.0mm
Aperture : F3.5
Angle of View : 1/3" (H)56.5°





DW33524 A/B/K

Format Size : 1/3"
Focal Length : 3.3mm
Aperture : F2.4
Angle of View : 1/3" (H)82.7°





DW9802 A/B/K

Format Size : 1/3"
Focal Length : 3.7mm
Aperture : F2.0
Angle of View : 1/3" (H)67.8°





DW9803 A/B/K

Format Size : 1/3"
Focal Length : 4.3mm
Aperture : F2.0
Angle of View : 1/3" (H)64.6°



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The Ultimate Lens

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PRODUCT RANGE

		MODEL	page	1mm	2mm	3mm	4mm	5mm	6mm	8mm	9mm	11mm	12mm	16mm	20mm	30mm	50mm	
CCTV	V.F. BOARD LENS	VIR28110-3MAS				2.8-11.0mm												
		35160-3MAS				3.5-16.0mm												
		60500-3MAS					6.0-50.0mm											
		28110-2M				2.8-11.0mm												
		VIR36160MAS				3.6-16.0mm												
			VIR50500AS				5.0-50.0mm											
		FISHEYE LENSE	14818-5M		1.48mm													
			DW9813		1.78mm													
		BOARD LENS	19620-3M		1.9mm													
			25620-3M		2.5mm													
			29620-3M		2.9mm													
			31420-2M				3.1mm											
			36420-3M				3.6mm											
			VIR37618-3M				3.7mm											
			VIR43618-3M				4.3mm											
			VIR60618-3M							6.0mm								
			VIR80618-3M								8.0mm							
			DW2162			2.1mm												
			DW9611											12mm				
			DW9711												16mm			
			DW25425													25.0mm		
			DW35420														35.0mm	
			DW500425															50.0mm
		SPORTS CAM DOOL. BELL LENSE	27629CM-16MAS				2.7mm											
			17626-2MAS			1.7mm												
	17620-2MAS				1.7mm													
	AUTOMOTIVE LENS	10620MAS		0.9mm														
		10622MAS		0.9mm														
		12624MAS		1.2mm														
		15422MAS		1.5mm														
		17620-2M			1.7mm													
		18524MAS			1.8mm													
		DW178720			1.78mm													
		DW2425F			2.4mm													
		DW245625			2.45mm													
		60620-3M								6.0mm								
	60520CM-2M								6.0mm									
	PINHOLE LENS	9803-3MASK					4.3mm											
		DW9412						5.0mm										
		DW3352 A/B/K					3.3mm											
		DW9802 A/B/K					3.7mm											
		DW9803 A/B/K					4.3mm											

16M 5M 3M 2M 1.3M VGA

THE ULTIMATE LENSES FOR EVERY INDUSTRY

Over 30 years in the lens business, we have evolved into a total solutions provider, offering a wide array of lenses that caters to various markets.

Our catalog features over 200 models, including high-definition megapixel lenses, ranging from pinhole and fixed-board to varifocal-board and C-/CS-mount models.

The featured lenses are our latest releases. They can utilize any aspect ratio without losing their resolution during enlargement, and are embedded with IR-cut filters for day or night use. What's more is that they're compatible with color and black/white cameras.



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