

AVEMiA®

AVEMiA®

CCTV LENS CATALOG



Fu Zhou Development Zone Hongfa Optoelectronics Technology Co. Ltd.

Add: No.2, Kuaian road, Mawei District, Fuzhou, Fujian, P.R.China P.C: 350015

Tel: 86-591-83978112 83978102 83977920 83977926 87307881 83977385 87307061 83972972

Fax:86-591-83973255 <http://www.fzhongfa.com> www.avemia.net



CE, RoHS, ISO9001-2000

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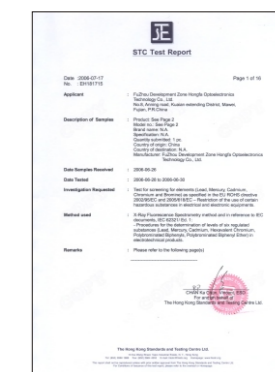
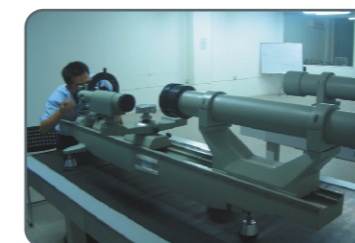
Since established in 1997, Fuzhou development Zone Hongfa Optoelectronics Technology Co.Ltd.is a high-tech private enterprise.It has been one of the biggest CCTV Lens manufactures and exporters in China with more than 500 employees and owns two sub-companies, Shenzhen sub-company and Yingxun Tech.ltd, possesses three factories, which are mechanical factory, optical factory,and assembly factory, and establishes its own integrated system encompass all processes from R&D, and production through to distribution and sales. It has more than 30 sets of CNC processing facilities and 150 sets of sophisticated processing facilities for lenses, which takes the lead of equipment renovation in lens' profession, and has the capacity of processing more than 8 million pieces of lenses(diameter from 3mm to 100 mm) per year, assembling more than 1.2 million pieces of lenses, and manufacturing more than 150 kinds of lenses (not including mini lenses and fixed lenses). These advantages make its products enjoy a high reputation all over the world, mainly in North and South America, Europe, Middle-East and other regions.

QC and R&D

We now have 50 staff responsible for QC.By strict record back to origins control from the raw material inspection, initial inspection, in-process inspection, final inspection to storage, working line. Sticking to "Quality is the core competitiveness of enterprises".We establish a better QC system in order to show our top-ranking products to the customers. We have successfully passed ISO9001, CE, RoHS certifications. By strong self development capacity, our products with excellent quality and advanced designs has been honored by government, especially "3.5-8mm digital All In One Camera" which awarded the Gold Award of the 15th National Invention Exhibition.

The aim of company

Based on customers' demands,topgrade designment,sophiscated facility,perfect QC,Hongfa will develop attractive product with exallent after-service and the most favourable price.Looking forward to your cooperation,and boosting AVEMIA brand throughout the world in the future.



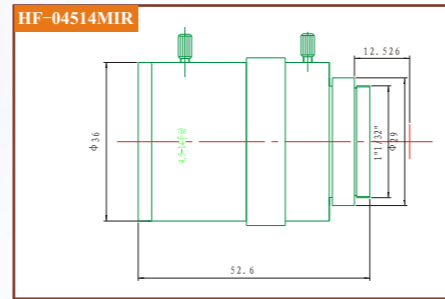


Industrial Vari-Focal Lens $\frac{1}{2}$ " · IR · Mega-Pixel

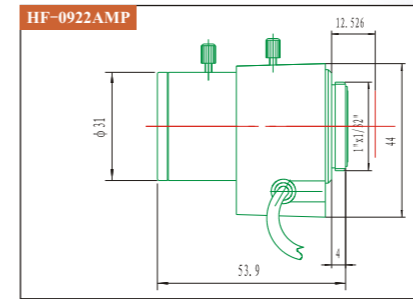
Vari-Focal Mega-Pixel Lenses



HF-04514MIR



HF-0922MMP HF-0922AMP



NEW

- To capture the full resolution of megal pixel cameras
- Low Distortion
- Assured excellent light intensity even in peripheral areas
- Enables 24 hours surveillance(Minimize focus shift in the near infrared rang)
- Compact design.
- For C mount, $\frac{1}{2}$ " megapixel cameras
- Comprehensive 2 years quality warranty

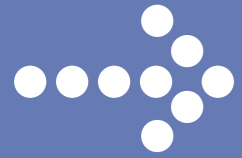
Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF04514AIR	1/2"	CS/C	4.5-14mm	F1.6	106.7°-32.5°	0.1m	Manual	Manual	Auto	8.23-17.55mm
HF04514MIR	1/2"	CS/C	4.5-14mm	F1.6	106.7°-32.5°	0.1m	Manual	Manual	Manual	8.23-17.55mm

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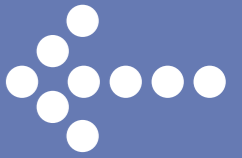


Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF0922AMP	1/3"	CS	9-22mm	F1.6	40°-18°	0.3m	Manual	Manual	Auto	7.68-11.13mm
HF0922MMP	1/3"	CS	9-22mm	F1.6	40°-18°	0.3m	Manual	Manual	Manual	7.68-11.13mm



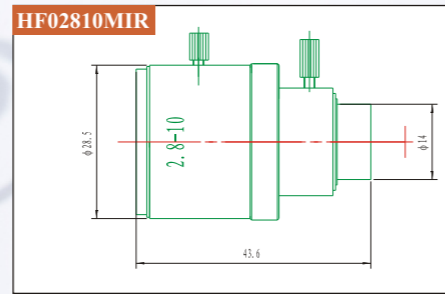
IR Vari-focal Board Lenses

New Design Vari-focal Lenses



HF-**02810AIR**

HF-**02810MIR**



NEW



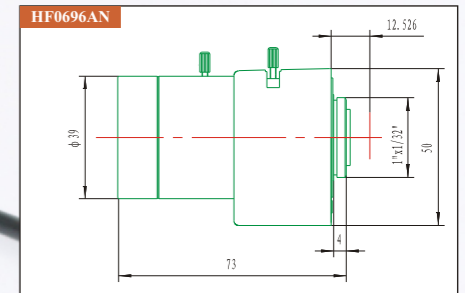
- Enables 24 hours surveillance(Minimize focus shift in the near infrared rang)
- Compact design.
- For $\phi 14$ mount.
- Comprehensive 2 years quality warranty

Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF02810AIR	1/3"	$\phi 14$	2.8-10mm	F1.6	104°-35°	0.2m	Manual	Manual	Auto	6.79-13.05mm
HF02810MIR	1/3"	$\phi 14$	2.8-10mm	F1.6	104°-35°	0.2m	Manual	Manual	Manual	6.79-13.05mm



HF-**0696AH**

Varifocal lenses offer maximum flexibility in camera installations requiring a wide range of focal lengths. They have been the principal aspect in the international market by the convenient, fast and best image.



NEW



Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF05100AH HF05100MH	1/3"	CS	5-100mm	F1.6	76.2°-3.4°	1.5m	Manual	Manual	Auto Manual	6.8-14.3mm
HF0696AH HF0696MH	1/3"	CS	6-96mm	F1.6	53.23°-3.58°	1.5m	Manual	Manual	Auto Manual	6.8-14.3mm
HF0880AH HF0880MH	1/3"	CS	8-80mm	F1.6	42°-4.55°	1.5m	Manual	Manual	Auto Manual	6.8-14.3mm
HF0660AH HF0660MH	1/3"	CS	6-60mm	F1.6	52.2°-5.7°	1.5m	Manual	Manual	Auto Manual	6.8-14.3mm
HF0636AH HF0636MH	1/3"	CS	6-36mm	F1.6	50.9°-9.3°	1.5m	Manual	Manual	Auto Manual	6.8-14.3mm
HF08551AH HF08551MH	1/3"	CS	8.5-51mm	F1.6	34.1°-6.7°	1.5m	Manual	Manual	Auto Manual	6.8-14.3mm



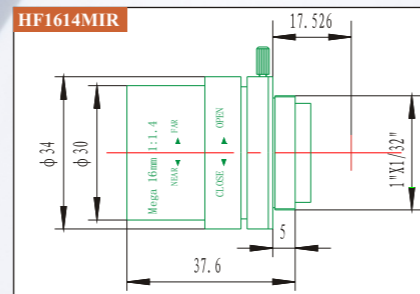
Industrial Fixed Lens 2/3" · IR · Mega-Pixel



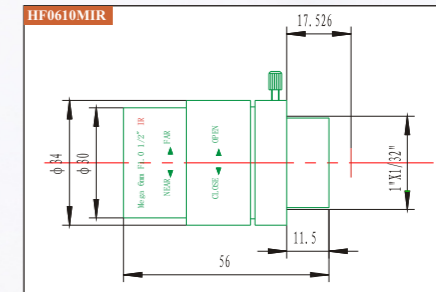
F1.0 · 1/2" · IR · Mega-Pixel Industrial Fixed Lens



HF-**1214MIR**
HF-**1614MIR**



HF-**0610MIR**



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- Compact design.
- For C mount, 2/3" megapixel cameras
- Comprehensive 2 years quality warranty

Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF06518MIR	2/3"	C	6.5mm	F1.8	85.45°	0.15m	Manual	Manual	Manual	11.36mm
HF0815MIR	2/3"	C	8mm	F1.5	74°	0.26m	Manual	Manual	Manual	11.72mm
HF1214MIR	2/3"	C	12mm	F1.4	35.8°	0.3m	Manual	Manual	Manual	9.74mm
HF1614MIR	2/3"	C	16mm	F1.4	27.6°	0.3m	Manual	Manual	Manual	9.54mm
HF2516MIR	2/3"	C	25mm	F1.6	17.7°	0.3m	Manual	Manual	Manual	9.18mm
HF3518MIR	2/3"	C	35mm	F1.8	13.7°	0.5m	Manual	Manual	Manual	9.67mm
HF5024MIR	2/3"	C	50mm	F2.4	12.6°	0.5m	Manual	Manual	Manual	9.4mm

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Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF0410MIR	1/2"	CS/C	4mm	F1.0	113°	0.5m	Manual	Manual	Manual	8.6mm
HF0610MIR	1/2"	CS/C	6mm	F1.0	73°	0.5m	Manual	Manual	Manual	8.54mm
HF0810MIR	1/2"	CS/C	8mm	F1.0	57°	0.5m	Manual	Manual	Manual	8.8mm
HF1210MIR	1/2"	CS/C	12mm	F1.0	37.6°	0.5m	Manual	Manual	Manual	12.3mm
HF1610MIR	1/2"	CS/C	16mm	F1.0	28.6°	0.5m	Manual	Manual	Manual	9.9mm



NEW **FIX** **百万像素 Mega-Pixel** **IR** **1/2" imager size** **WIDE**

NEW

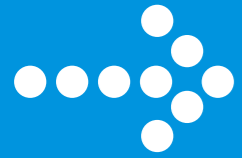
Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF02118BIR	1/2"	M12xP0.5	2.1mm	F1.8	165°	0.3m	Fixed	Fixed	Fixed	4.72mm

Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF02520B	1/3"	M12xP0.5	2.5mm	F2.0	121.5°	0.15m	Fixed	Fixed	Fixed	5.25mm
HF02820B	1/3"	M12xP0.5	2.8mm	F2.0	101.3°	0.15m	Fixed	Fixed	Fixed	6.52mm
HF03620B	1/3"	M12xP0.5	3.6mm	F2.0	98.1°	0.2m	Fixed	Fixed	Fixed	6.7mm
HF04220B	1/3"	M12xP0.5	4.2mm	F2.0	76.1°	0.2m	Fixed	Fixed	Fixed	7.2mm
HF0620B	1/3"	M12xP0.5	6mm	F2.0	51.6°	0.2m	Fixed	Fixed	Fixed	9.02mm
HF0820B	1/3"	M12xP0.5	8mm	F2.0	42°	0.2m	Fixed	Fixed	Fixed	6.85mm
HF1220B	1/3"	M12xP0.5	12mm	F2.0	30.4°	0.2m	Fixed	Fixed	Fixed	6.73mm
HF1620B	1/3"	M12xP0.5	16mm	F2.0	21.2°	0.2m	Fixed	Fixed	Fixed	7.8mm
HF2520B	1/3"	M12xP0.5	25mm	F2.0	13.4°	0.2m	Fixed	Fixed	Fixed	7.44mm

To capture the full resolution of megal pixel cameras ●
 Low Distortion ●
 Assured excellent light intensity even in peripheral areas ●
 Enables 24 hours surveillance (Minimize focus shift in the near infrared rang) ●
 Compact design ●

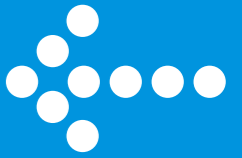
IR
FIX

Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF04216FIR	1/3"	CS	4.2mm	F1.6	76.1°	0.2m	Fixed	Manual	Fixed	7.2mm
HF0616FIR	1/3"	CS	6mm	F1.6	51.6°	0.2m	Fixed	Manual	Fixed	9.02mm
HF0816FIR	1/3"	CS	8mm	F1.6	42°	0.2m	Fixed	Manual	Fixed	6.85mm
HF1216FIR	1/3"	CS	12mm	F1.6	30.4°	0.2m	Fixed	Manual	Fixed	6.73mm
HF1616FIR	1/3"	CS	16mm	F1.6	21.2°	0.2m	Fixed	Manual	Fixed	7.8mm



IR Vari-Focal Lenses

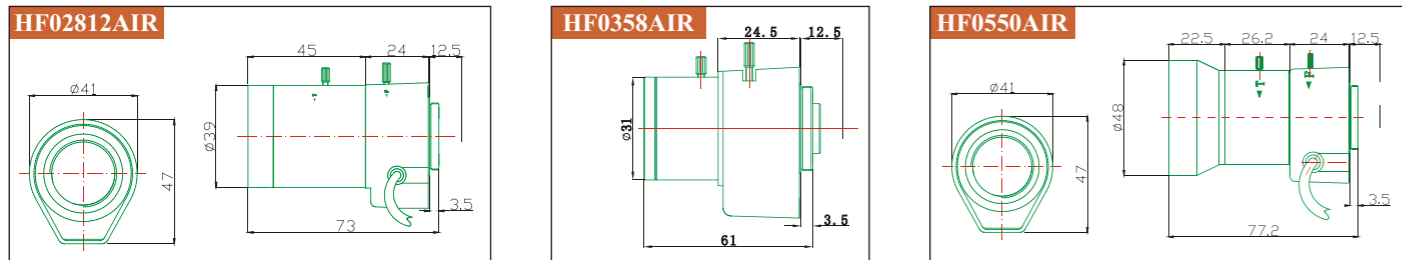
Vari-focal Board Lenses



Varifocal IR (infrared) lenses are designed to minimize focus shift in the near infrared range by expanding chromatic aberration compensation to include both daylight and the near infrared ranges. They enable 24 hours continuous surveillance with a day/night CAMERA.

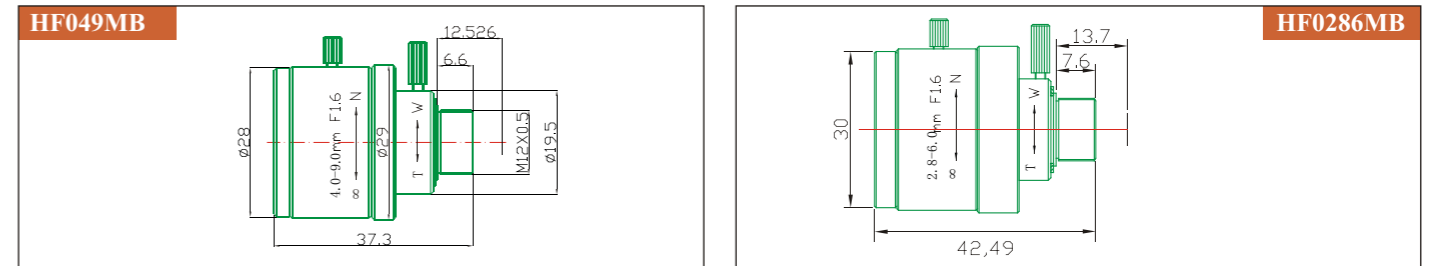
Comparing to the common lenses, board lenses cover these merits: cabinet shape, substantial price, usually it is installed in dome camera.

VARI MANUAL DC [IR]

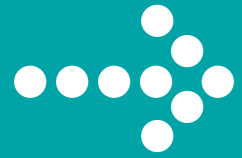


Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF0358AIR	1/3"	CS	3.5-8mm	F1.2	96°-42°	0.15m	Manual	Manual	Auto	7.7-11.7mm
HF02812AIR	1/3"	CS	2.8-12mm	F1.4	104°-35°	0.2m	Manual	Manual	Auto	7.3-14.9mm
HF0550AIR	1/3"	CS	5-50mm	F1.6	76°-8.8°	0.3m	Manual	Manual	Auto	9.8-11.9mm

VARI MANUAL DC



Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF049AB HF049MB	1/3"	M12xP0.5	4.0-9mm	F1.6	54°-23°	0.2m	Manual	Manual	Auto Manual	7.38mm
HF049AL HF049MI	1/3"	M12xP0.5	4.0-9mm	F1.3	54°-23°	0.2m	Manual	Manual	Auto Manual	7.38mm
HF0286AB HF0286MB	1/3"	M12xP0.5	2.8-6mm	F1.6	130.6°-53.1°	0.2m	Manual	Manual	Auto Manual	6.54mm



Vari-Focal Lenses

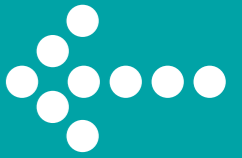


Varifocal lenses offer maximum flexibility in camera installations requiring a wide range of focal lengths. They have been the principal aspect in the international market by the convenient, fast and best image.

VARI **MANUAL** **DC** **ASP**

型号	规格	接口	焦点距离	光圈范围	视 角	最小物距	变焦控制	聚焦控制	光圈控制	后 焦 距
HF05100A HF05100M	1/3"	CS	5-100mm	F1.6	76.2°-3.4°	0.3m	Manual	Manual	Auto Manual	7.6-16.6mm ASP
HF0660A HF0660M	1/3"	CS	6-60mm	F1.6	52.2°-5.7°	0.3m	Manual	Manual	Auto Manual	9.53mm
HF0550A HF0550M	1/3"	CS	5-50mm	F1.6	52.2°-5.7°	0.3m	Manual	Manual	Auto Manual	9.53mm
HF0636A HF0636M	1/3"	CS	6-36mm	F1.6	50.9°-9.3°	0.3m	Manual	Manual	Auto Manual	13.4mm
HF0616A HF0615M	1/3"	CS	6-16mm	F1.6	54°-23°	0.3m	Manual	Manual	Auto Manual	8.1mm
HF02812A HF02812M	1/3"	CS	2.8-12mm	F1.6	104°-33°	0.3m	Manual	Manual	Auto Manual	7.4mm
HF0286A HF0286M	1/3"	CS	2.8-6mm	F1.6	130.6°-53.1°	0.2m	Manual	Manual	Auto Manual	6.54mm
HF038A HF038M	1/3"	CS	3-8mm	F1.0	83.5°-40.9°	0.2m	Manual	Manual	Auto Manual	7.5-13.5mm
HF0358A HF0358M	1/3"	CS	3.5-8mm	F1.2	95.45°-44.6°	0.3m	Manual	Manual	Auto Manual	6.42mm
HF0358AL HF0358ML	1/3"	CS	3.5-8mm	F1.4	95.45°-44.6°	0.3m	Manual	Manual	Auto Manual	7.5mm
HF0358AH HF0358MH	1/3"	CS	3.5-8mm	F1.4	95.45°-44.6°	0.3m	Manual	Manual	Auto Manual	7.2mm

Motorized Zoom Lenses



Motorized Zoom Lenses provide remote control of focal length, iris and focus through the use of a lens controller, used where variable focal length and remote control are required. Applications include long distance surveillance in parking lots, highways, etc.

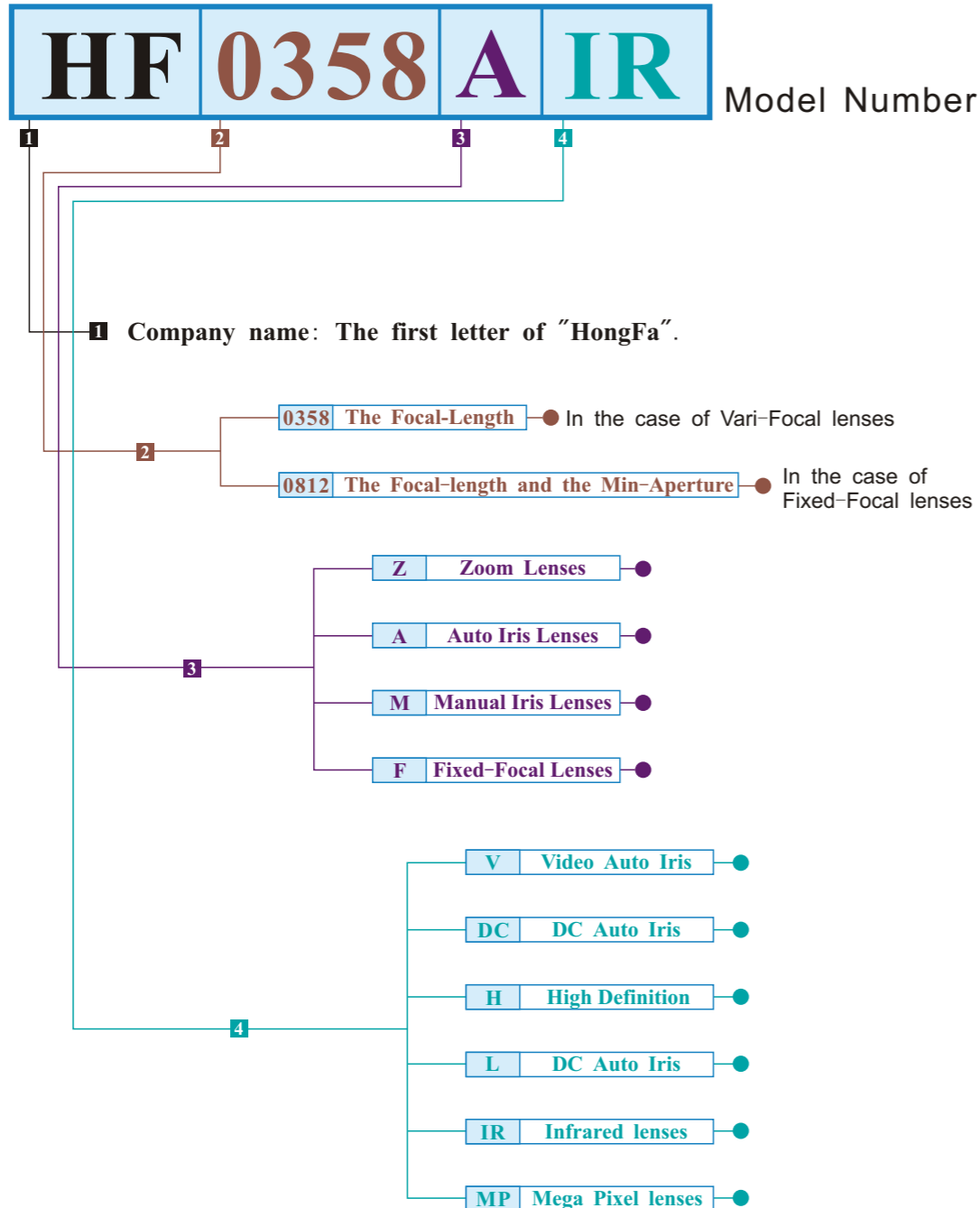
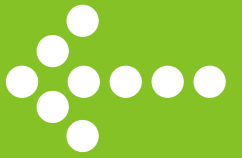
ZOOM **3 MOTOR** **TELE** **G** **1/2"**

Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus
HF0636Z HF0636ZDC	1/3"	CS	6-36mm	F1.2	50.9°-9.3°	1m	Motorized	Motorized	Motorized Auto	8.2mm
HF08551Z HF08551ZDC	1/3"	CS	8.5-51mm	F1.2	34.1°-6.7°	1m	Motorized	Motorized	Motorized Auto	13.5mm
HF0660Z HF0660ZDC	1/3"	CS	6-60mm	F1.2	52.2°-5.7°	1.5m	Motorized	Motorized	Motorized Auto	11.6mm
HF0696Z HF0696ZDC	1/3"	CS	6-96mm	F1.6	53.23°-3.58°	1.5m	Motorized	Motorized	Motorized Auto	12.45mm
HF10200Z HF10200ZDC	1/3"	CS	10-200mm	F1.9	32.5°-1.75°	2m	Motorized	Motorized	Motorized Auto	14.81mm
HF30300Z	1/3"	CS	30-300mm	F3.5	15.3°-1.33°	2m	Motorized	Motorized	Motorized	20.9mm
HF50600Z	1/3"	CS	50-600mm	F8.5	8.5°-0.75°	12m	Motorized	Motorized	Motorized	38.3mm
HF085850Z	1/3" & 1/2"	CS/C	8.5-850mm	F1.9	50.4°-0.54°	1m	Motorized	Motorized	Motorized	
HF121200Z	1/3" & 1/2"	CS/C	12-1200mm	F2.8	36.9°-0.38°	2m	Motorized	Motorized	Motorized	
HF181500Z	1/3" & 1/2"	CS/C	18-1500mm	F3.2	25°-0.31°	3m	Motorized	Motorized	Motorized	



Model Explanation

FEATURE INDICATION Explanation



Lens type

FIX	Fixed Focal	Fixed focal length, very simple and compact design
VARI	Vari-Focal	Compact design, focal length adjusted manually
ZOOM	Zoom	Focal length adjusted without focus shift of image plane

Iris type

MANUAL	Manual Iris	Manually operated iris
DC	DC Auto Iris	Auto iris supporting DC controlled Cameras
3 MOTOR	3 Motors	Operated iris, Zoom and focus by electric remote control

Mount type

C	C mount	Can be used with C mount cameras
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Imager size

1/2"	1/2inch	Can also be used with 1/3"&1/4"Cameras
2/3"	2/3inch	Can also be used with 1/2", 1/3"&1/4"Cameras

Function

F1.0	Wide Aperture Ratio	Large aperture that transmits more light
ASP	Aspherical Lens	Aspherical lens which greatly improves the image quality and compact design
百万像素 Mega-Pixel	Mega-pixel Lens	High definition lens which is used mainly with mega-pixel cameras
[IR]	Day&Night	Lens optimized for both visible and new IR spectrum which eliminates focus shift with Day&Night cameras
WIDE	Wide Angle Lens	Lens provides a wide field of view
TELE	Telephoto Lens	Lens provides a magnified image in long range applications

AVEMiA® CCTV LENS ALL PRODUCTS CATALOG

Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus	
HF04514AIR	1/2"	CS/C	4.5-14mm	F1.6	106.7°-32.5°	0.1m	Manual	Manual	Auto	8.23-17.55mm	ASEW
HF04514MIR	1/2"	CS/C	4.5-14mm	F1.6	106.7°-32.5°	0.1m	Manual	Manual	Manual	8.23-17.55mm	ASEW
HF0922AMP	1/3"	CS	9-22mm	F1.6	40°-18°	0.3m	Manual	Manual	Auto	7.68-11.13mm	ASEW
HF0922MMP	1/3"	CS	9-22mm	F1.6	40°-18°	0.3m	Manual	Manual	Manual	7.68-11.13mm	ASEW
HF02810AIR	1/3"	ϕ 14	2.8-10mm	F1.6	104°-35°	0.2m	Manual	Manual	Auto	6.79-13.05mm	ASEW
HF02810MIR	1/3"	ϕ 14	2.8-10mm	F1.6	104°-35°	0.2m	Manual	Manual	Manual	6.79-13.05mm	ASEW
HF05100AH	1/3"	CS	5-100mm	F1.6	76.2°-3.4°	1.5m	Manual	Manual	Auto	6.8-14.3mm	ASEW
HF05100MH	1/3"	CS	5-100mm	F1.6	76.2°-3.4°	1.5m	Manual	Manual	Manual	6.8-14.3mm	ASEW
HF0696AH	1/3"	CS	6-96mm	F1.6	53.23°-3.58°	1.5m	Manual	Manual	Auto	6.8-14.3mm	ASEW
HF0696MH	1/3"	CS	6-96mm	F1.6	53.23°-3.58°	1.5m	Manual	Manual	Manual	6.8-14.3mm	ASEW
HF0880AH	1/3"	CS	8-80mm	F1.6	42°-4.55°	1.5m	Manual	Manual	Auto	6.8-14.3mm	ASEW
HF0880MH	1/3"	CS	8-80mm	F1.6	42°-4.55°	1.5m	Manual	Manual	Manual	6.8-14.3mm	ASEW
HF0660AH	1/3"	CS	6-60mm	F1.6	52.2°-5.7°	1.5m	Manual	Manual	Auto	6.8-14.3mm	ASEW
HF0660MH	1/3"	CS	6-60mm	F1.6	52.2°-5.7°	1.5m	Manual	Manual	Manual	6.8-14.3mm	ASEW
HF0636AH	1/3"	CS	6-36mm	F1.6	50.9°-9.3°	1.5m	Manual	Manual	Auto	6.8-14.3mm	ASEW
HF0636MH	1/3"	CS	6-36mm	F1.6	50.9°-9.3°	1.5m	Manual	Manual	Manual	6.8-14.3mm	ASEW
HF08551AH	1/3"	CS	8.5-51mm	F1.6	34.1°-6.7°	1.5m	Manual	Manual	Auto	6.8-14.3mm	ASEW
HF08551MH	1/3"	CS	8.5-51mm	F1.6	34.1°-6.7°	1.5m	Manual	Manual	Manual	6.8-14.3mm	ASEW
HF06518MIR	2/3"	C	6.5mm	F1.8	85.45°	0.15m	Manual	Manual	Manual	11.36mm	ASEW
HF0815MIR	2/3"	C	8mm	F1.5	74°	0.26m	Manual	Manual	Manual	11.72mm	ASEW
HF1214MIR	2/3"	C	12mm	F1.4	35.8°	0.3m	Manual	Manual	Manual	9.74mm	ASEW
HF1614MIR	2/3"	C	16mm	F1.4	27.6°	0.3m	Manual	Manual	Manual	9.54mm	ASEW
HF2516MIR	2/3"	C	25mm	F1.6	17.7°	0.3m	Manual	Manual	Manual	9.18mm	ASEW
HF3518MIR	2/3"	C	35mm	F1.8	13.7°	0.5m	Manual	Manual	Manual	9.67mm	ASEW
HF5024MIR	2/3"	C	50mm	F2.4	12.6°	0.5m	Manual	Manual	Manual	9.4mm	ASEW
HF0410AIR	1/2"	CS/C	4mm	F1.0	113°	0.5m	Manual	Manual	Manual	8.6mm	ASEW
HF0610AIR	1/2"	CS/C	6mm	F1.0	73°	0.5m	Manual	Manual	Manual	8.54mm	ASEW
HF0810AIR	1/2"	CS/C	8mm	F1.0	57°	0.5m	Manual	Manual	Manual	8.8mm	ASEW
HF1210AIR	1/2"	CS/C	12mm	F1.0	37.6°	0.5m	Manual	Manual	Manual	12.3mm	ASEW
HF1610AIR	1/2"	CS/C	16mm	F1.0	28.6°	0.5m	Manual	Manual	Manual	9.9mm	ASEW
HF04216FIR	1/3"	CS	4.2mm	F1.6	76.1°	0.2m	Fixed	Manual	Fixed	7.2mm	ASEW
HF0616FIR	1/3"	CS	6mm	F1.6	51.6°	0.2m	Fixed	Manual	Fixed	9.02mm	ASEW
HF0816FIR	1/3"	CS	8mm	F1.6	42°	0.2m	Fixed	Manual	Fixed	6.85mm	ASEW
HF1216FIR	1/3"	CS	12mm	F1.6	30.4°	0.2m	Fixed	Manual	Fixed	6.73mm	ASEW
HF1616FIR	1/3"	CS	16mm	F1.6	21.2°	0.2m	Fixed	Manual	Fixed	7.8mm	ASEW
HF02118BIR	1/2"	M12xP0.5	2.1mm	F1.8	165°	0.3m	Fixed	Fixed	Fixed	4.72mm	ASEW
HF02520B	1/3"	M12xP0.5	2.5mm	F2.0	121.5°	0.15m	Fixed	Fixed	Fixed	5.25mm	ASEW
HF02820B	1/3"	M12xP0.5	2.8mm	F2.0	101.3°	0.15m	Fixed	Fixed	Fixed	6.52mm	ASEW
HF03620B	1/3"	M12xP0.5	3.6mm	F2.0	98.1°	0.2m	Fixed	Fixed	Fixed	6.7mm	
HF04220B	1/3"	M12xP0.5	4.2mm	F2.0	76.1°	0.2m	Fixed	Fixed	Fixed	7.2mm	
HF0620B	1/3"	M12xP0.5	6mm	F2.0	51.6°	0.2m	Fixed	Fixed	Fixed	9.02mm	
HF0820B	1/3"	M12xP0.5	8mm	F2.0	42°	0.2m	Fixed	Fixed	Fixed	6.85mm	
HF1220B	1/3"	M12xP0.5	12mm	F2.0	30.4°	0.2m	Fixed	Fixed	Fixed	6.73mm	
HF1620B	1/3"	M12xP0.5	16mm	F2.0	21.2°	0.2m	Fixed	Fixed	Fixed	7.8mm	
HF2520B	1/3"	M12xP0.5	25mm	F2.0	13.4°	0.2m	Fixed	Fixed	Fixed	7.44mm	

AVEMiA® CCTV LENS ALL PRODUCTS CATALOG

Model	Imager Size	Mount Type	Focal Length	Aperture Range	Field	Focusing Range	Zoom Operation	Focus Operation	Iris Operation	Back Focus	
HF0358AIR	1/3"	CS	3.5-8mm	F1.2	96°-42°	0.15m	Manual	Manual	Auto	7.7-11.7mm	
HF02812AIR	1/3"	CS	2.8-12mm	F1.4	104°-35°	0.2m	Manual	Manual	Auto	7.3-14.9mm	
HF0550AIR	1/3"	CS	5-50mm	F1.6	76°-8.8°	0.3m	Manual	Manual	Auto	9.8-11.9mm	
HF049AB	1/3"	M12xP0.5	4.0-9mm	F1.6	54°-23°	0.2m	Manual	Manual	Auto	7.38mm	
HF049MB	1/3"	M12xP0.5	4.0-9mm	F1.6	54°-23°	0.2m	Manual	Manual	Manual	7.38mm	
HF049AL	1/3"	M12xP0.5	4.0-9mm	F1.3	54°-23°	0.2m	Manual	Manual	Auto	7.38mm	
HF049ML	1/3"	M12xP0.5	4.0-9mm	F1.3	54°-23°	0.2m	Manual	Manual	Manual	7.38mm	
HF0286AB	1/3"	M12xP0.5	2.8-6mm	F1.6	130.6°-53.1°	0.2m	Manual	Manual	Auto	6.54mm	
HF0286MB	1/3"	M12xP0.5	2.8-6mm	F1.6	130.6°-53.1°	0.2m	Manual	Manual	Manual	6.54mm	
HF05100A	1/3"	CS	5-100mm	F1.6	76.2°-3.4°	0.3m	Manual	Manual	Auto	7.6-16.6mm	
HF05100M	1/3"	CS	5-100mm	F1.6	76.2°-3.4°	0.3m	Manual	Manual	Manual	7.6-16.6mm	
HF0660A	1/3"	CS	6-60mm	F1.6	52.2°-5.7°	0.3m	Manual	Manual	Auto	9.53mm	
HF0660M	1/3"	CS	6-60mm	F1.6	52.2°-5.7°	0.3m	Manual	Manual	Manual	9.53mm	
HF0550A	1/3"	CS	5-50mm	F1.6	52.2°-5.7°	0.3m	Manual	Manual	Auto	9.53mm	
HF0550M	1/3"	CS	5-50mm	F1.6	52.2°-5.7°	0.3m	Manual	Manual	Manual	9.53mm	
HF0636A	1/3"	CS	6-36mm	F1.6	50.9°-9.3°	0.3m	Manual	Manual	Auto	13.4mm	
HF0636M	1/3"	CS	6-36mm	F1.6	50.9°-9.3°	0.3m	Manual	Manual	Manual	13.4mm	
HF0616A	1/3"	CS	6-16mm	F1.6	54°-23°	0.3m	Manual	Manual	Auto	8.1mm	
HF0616M	1/3"	CS	6-16mm	F1.6	54°-23°	0.3m	Manual	Manual	Manual	8.1mm	
HF02812A	1/3"	CS	2.8-12mm	F1.6	104°-33°	0.3m	Manual	Manual	Auto	7.4mm	
HF02812M	1/3"	CS	2.8-12mm	F1.6	104°-33°	0.3m	Manual	Manual	Manual	7.4mm	
HF0286A	1/3"	CS	2.8-6mm	F1.6	130.6°-53.1°	0.2m	Manual	Manual	Auto	6.54mm	
HF0286M	1/3"	CS	2.8-6mm	F1.6	130.6°-53.1°	0.2m	Manual	Manual	Manual	6.54mm	
HF038A	1/3"	CS	3-8mm	F1.0	83.5°-40.9°	0.2m	Manual	Manual	Auto	7.5-13.5mm	
HF038M	1/3"	CS	3-8mm	F1.0	83.5°-40.9°	0.2m	Manual	Manual	Manual	7.5-13.5mm	
HF0358A	1/3"	CS	3.5-8mm	F1.2	95.45°-44.6°	0.3m	Manual	Manual	Auto	6.42mm	
HF0358M	1/3"	CS	3.5-8mm	F1.2	95.45°-44.6°	0.3m	Manual	Manual	Manual	6.42mm	
HF0358AL	1/3"	CS	3.5-8mm	F1.4	95.45°-44.6°	0.3m	Manual	Manual	Auto	7.5mm	
HF0358ML	1/3"	CS	3.5-8mm	F1.4	95.45°-44.6°	0.3m	Manual	Manual	Manual	7.5mm	
HF0358AH	1/3"	CS	3.5-8mm	F1.4	95.45°-44.6°	0.3m	Manual	Manual	Auto	7.2mm	
HF0358MH	1/3"	CS	3.5-8mm	F1.4	95.45°-44.6°	0.3m	Manual	Manual	Manual	7.2mm	
HF0636Z	1/3"	CS	6-36mm	F1.2	50.9°-9.3°	1m	Motorized	Motorized	Motorized	8.2mm	
HF0636ZDC	1/3"	CS	6-36mm	F1.2	50.9°-9.3°	1m	Motorized	Motorized	Auto	8.2mm	
HF08551Z	1/3"	CS	8.5-51mm	F1.2	34.1°-6.7°	1m	Motorized	Motorized	Motorized	13.5mm	
HF08551ZDC	1/3"	CS	8.5-51mm	F1.2	34.1°-6.7°	1m	Motorized	Motorized	Auto	13.5mm	
HF0660Z	1/3"	CS	6-60mm	F1.2	52.2°-5.7°	1.5m	Motorized	Motorized	Motorized	11.6mm	
HF0660ZDC	1/3"	CS	6-60mm	F1.2	52.2°-5.7°	1.5m	Motorized	Motorized	Auto	11.6mm	
HF0696Z	1/3"	CS	6-96mm	F1.6	53.23°-3.58°	1.5m	Motorized	Motorized	Motorized	12.45mm	
HF0696ZDC	1/3"	CS	6-96mm	F1.6	53.23°-3.58°	1.5m	Motorized	Motorized	Auto	12.45mm	
HF10200Z	1/3"	CS	10-200mm	F1.9	32.5°-1.75°	2m	Motorized	Motorized	Motorized	14.81mm	
HF10200ZDC	1/3"	CS	10-200mm	F1.9	32.5°-1.75°	2m	Motorized	Motorized	Auto	14.81mm	
HF30300Z	1/3"	CS	30-300mm	F3.5	15.3°-1.33°	2m	Motorized	Motorized	Motorized	20.9mm	
HF50600Z	1/3"	CS	50-600mm	F8.5	8.5°-0.75°	12m	Motorized	Motorized	Auto	38.3mm	
HF085850Z	1/3"&1/2"	CS/C	8.5-850mm	F1.9	50.4°-0.54°	1m	Motorized	Motorized	Motorized		
HF121200Z	1/3"&1/2"	CS/C	12-1200mm	F2.8	36.9°-0.38°	2m	Motorized	Motorized	Motorized		
HF181500Z	1/3"&1/2"	CS/C	18-1500mm	F3.2	25°-0.31°	3m	Motorized	Motorized	Motorized		