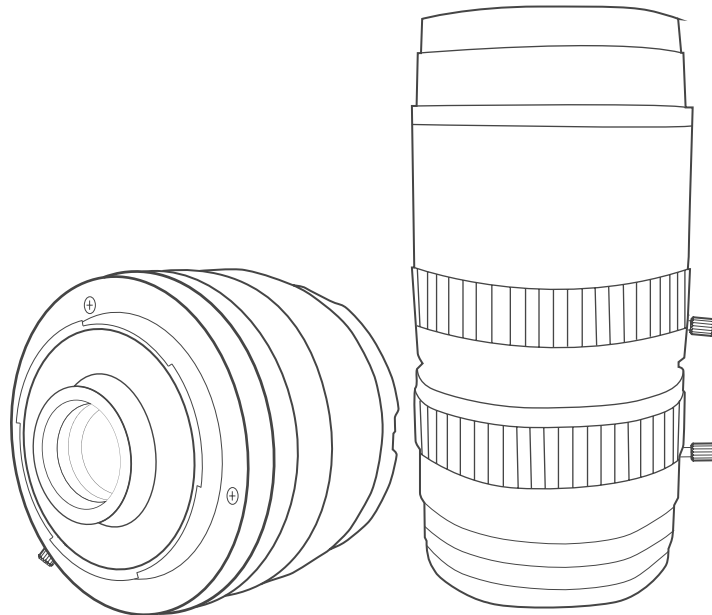


MACHINE VISION F/T MOUNT LENSES

Developed for large-format area camera and line-scan cameras. Contrastech has developed 29M large format (full-frame) lenses to satisfy the demands of large-format cameras. The focal length of 29MP series F Mount lenses varies from 35mm to 90mm.

Contrastech's large-format lenses highlight among their counterparts for the low price yet good performance even when compared to Schneider, VS TECHNOLOGY and Linos.



*Subject to change without prior notice.
For more information, please contact our sales representatives.*

ABOUT US

Hangzhou Contrastech Technology Co.,Ltd. is China top leading professional machine vision products manufacturer and supplier, who have been specializing in design, development and producing machine vision products, software and systems.

With advanced technology and creative power of image acquisition and processing, Contrastech major products have included industrial camera, scientific standard camera, industrial FA lens, telecentric lens, machine vision lights and image processing software. All products comply with international quality standards and we have more than 20 years industry experience in the fields of machine vision image acquisition and processing, optical imaging and automation.

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Large Format F/T mount lenses for 4k Line scan sensors

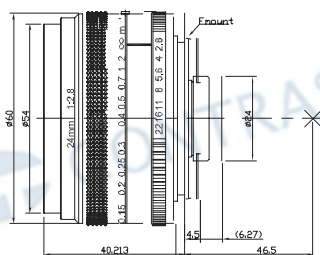
FEATURES

1. Wide wavelength from 400~950nm
2. Full-frame design covering $\phi 43.2\text{mm}$
3. Support 4K line scan cameras
4. Low cost

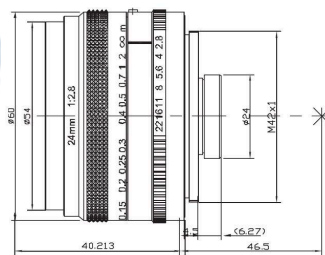


Part name	EFL (mm)	Resolution (lp/mm)	Format (mm)	Aperture (F/#)	Distortion (%)	M.O.D. (m)	Angle of View(D) (deg)	Filter Size	Mount
LHF2428MP5	24	30lp/mm(5MP)	43	F2.8~F22	<-4%	0.15m	84°	M52 × 0.75	F
LHT2428MP5	24	30lp/mm(5MP)	43	F2.8~F22	<-4%	0.15m	84°	M52 × 0.75	M42× 1(T)
LHF2828MP5	28	30lp/mm(5MP)	43	F2.8~F22	<-3%	0.3m	74°	M52 × 0.75	F
LHT2828MP5	28	30lp/mm(5MP)	43	F2.8~F22	<-3%	0.3m	74°	M52 × 0.75	M42× 1(T)
LHF3525MP5	35	30lp/mm(5MP)	43	F2.5~F22	<-3%	0.3m	52.3°	M52 × 0.75	F
LHT3525MP5	35	30lp/mm(5MP)	43	F2.5~F22	<-3%	0.3m	52.3°	M52 × 0.75	M42× 1(T)
LHF5018MP5	50	30lp/mm(5MP)	43	F1.8~F22	<-1%	0.4m	45°	M52 × 0.75	F
LHT5018MP5	50	30lp/mm(5MP)	43	F1.8~F22	<-1%	0.4m	45°	M52 × 0.75	M42× 1(T)

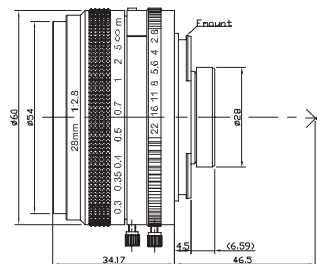
LHF2428MP5



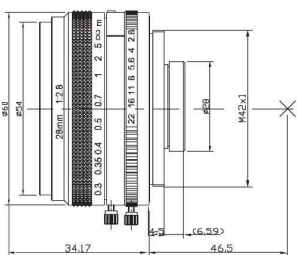
LHT2428MP5



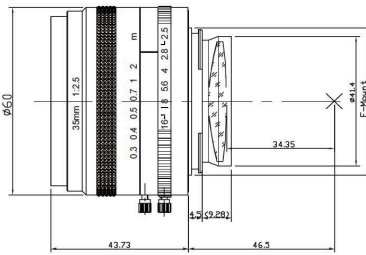
LHF2828MP5



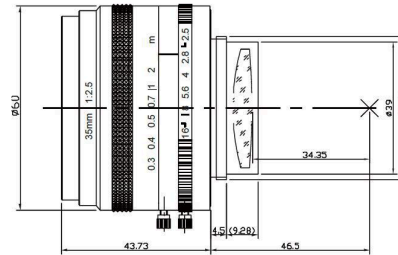
LHT2828MP5



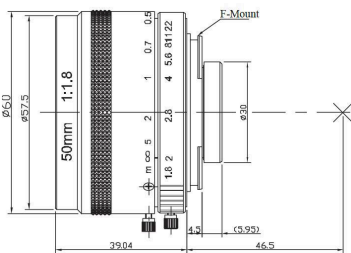
LHF3525MP5



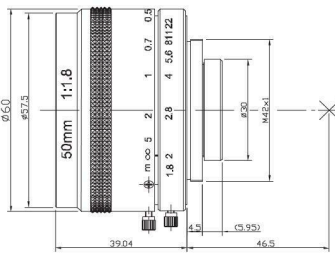
LHT3525MP5



LHF5018MP5



LHT5018MP5



High resolution F mount lenses for 29MP sensors

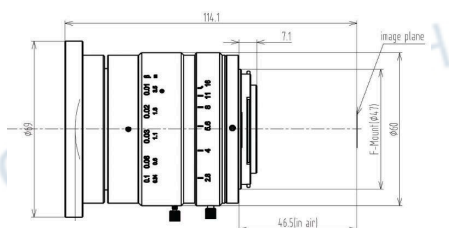
FEATURES

1. Wide wavelength from 400~950nm
2. Optical performance is superior to lens of SLR
3. Support 5 μ m pixel 29MP High resolution
4. High Cost Performance

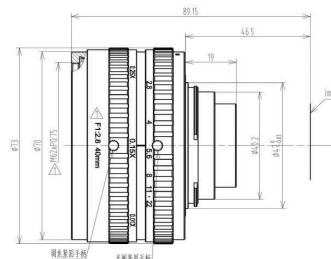


Part name	EFL (mm)	Mag (x)	Format (mm)	Aperture (F/#)	WD (mm)	Flange back (mm)	Outer Diam. (mm)	Filter Size	Mount
LEMF3528MP29	35	0.03	Ø45.3	2.8	1158.7	46.5	Ø69	M67× 0.75	F
LEMF4028MP29	40	0.10	Ø43.2	2.8	436.7	46.5	Ø73	M62× 0.75	F
LEMF5028MP29	50	0.10	Ø43.2	2.8	524.4	46.5	Ø64	M62× 0.75	F
LEMF6040MP29	60	0.167	Ø64	4	384.9	46.5	Ø70.5	M65× 0.75	F
LEMF8056MP29	80	0.30	Ø58	5.6	306.2	46.5	Ø57	M52× 0.75	F
LEMF9040MP29	90	0.05	Ø43.2	4.0	2112	46.5	Ø68	M62× 0.75	F

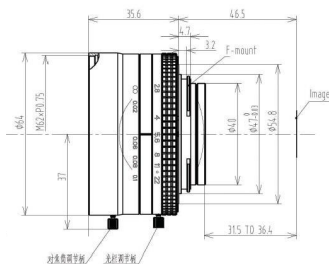
LEMF3528MP29



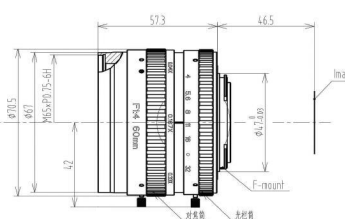
LEMF4028MP29



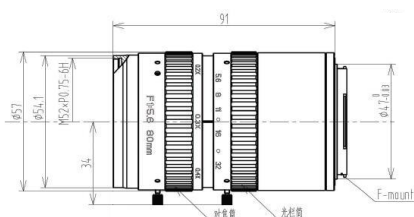
LEMF5028MP29



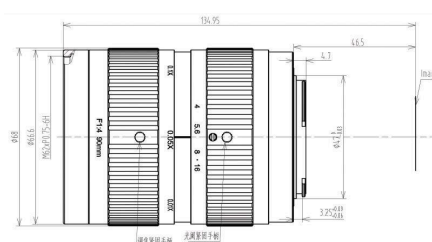
LEMF6040MP29



LEMF8056MP29



LEMF9040MP29



Large resolution F mount lenses: 100Mega Pixels

NEW

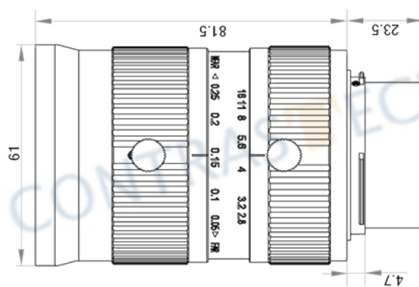
FEATURES

1. Ultra-low distortion, high peripheral brightness ratio
2. Optimize the optical design for different magnifications
3. The F interface structure is detachable for easy expansion of other interfaces
4. Image size $\phi 46\text{mm}$, support large target area array and 8K 5 μm line array camera

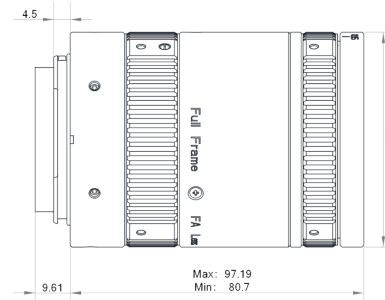


Part name	EFL (mm)	F/#	M.O.D. (m)	Format (mm)	Angle of View (deg.)	Filter Size	TV Distortion (%)	Mega Pixels (MP)	Mount
LEMF3528MP100	35	2.8	0.13	$\phi 46$	$41.96^\circ \times 35.44^\circ \times 24.05^\circ$	M58*0.75	0.40%	100	F
LEMF5040MP100	50	4.0	0.15	$\phi 46$	$47.02^\circ \times 39.77^\circ \times 27.11^\circ$	M52*0.75	-0.22%	100	F (ScalableV)
LEMF8040MP100	80	4.0	0.23	$\phi 46$	$30.41^\circ \times 25.47^\circ \times 17.13^\circ$	M52*0.75	0.04%	100	F (ScalableV)

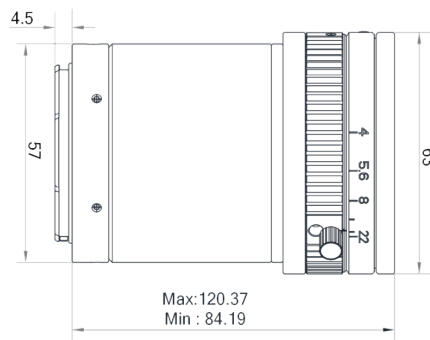
LEMF3528MP100



LEMF5040MP100



LEMF8040MP100



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