

Strokmatic[®] *Innovation Technology*

Catálogo – Sistemas de visão industriais

Out.2022

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Nota ao leitor

A Strokmatic Innovation fornece sistemas de monitoramento a diferentes segmentos industriais, visando a garantia da qualidade e o tempo de atividade em linhas de produção.

Neste catálogo, apresentamos as principais especificações em nossa linha de sistemas de visão englobando:

- Câmeras com sensor de área;
- Smart Cams;
- Lentes.

Para acesso ao datasheet, maiores informações e esclarecimento de dúvidas não exite em nos acionar!

A Strokmatic realiza a venda desses equipamentos, podendo também atuar como desenvolvedora de soluções completas em visão computacional para aplicações industriais.

Conte conosco!

1. Câmeras industriais com sensor de área



Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
IMX297	1/2,9"	6,9 µm	Global	720 × 540	125 fps	GigE	Mono	9~24 VDC, PoE	C
IMX297	1/2,9"	6,9 µm	Global	720 × 540	125 fps	GigE	Color	9~24 VDC, PoE	C
IMX296	1/2,9"	3,45 µm	Global	1440 × 1080	65 fps	GigE	Mono	9~24 VDC, PoE	C
IMX296	1/2,9"	3,45 µm	Global	1440 × 1080	65 fps	GigE	Color	9~24 VDC, PoE	C
IMX264	2/3"	3,45 µm	Global	2448 × 2048	24,2 fps	GigE	Mono	9~24 VDC, PoE	C
IMX264	2/3"	3,45 µm	Global	2448 × 2048	24,2 fps	GigE	Color	9~24 VDC, PoE	C
IMX264	2/3"	3,45 µm	Global	2448 × 2048	35,6 fps	GigE	Mono	9~24 VDC, PoE	C
IMX264	2/3"	3,45 µm	Global	2448 × 2048	35,6 fps	GigE	Color	9~24 VDC, PoE	C
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	19,1 fps	GigE	Mono	9~24 VDC, PoE	C
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	19,1 fps	GigE	Color	9~24 VDC, PoE	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	30,7 fps	GigE	Mono	9~24 VDC, PoE	C
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	30,7 fps	GigE	Color	9~24 VDC, PoE	C
IMX183	1"	2,4 µm	Rolling	5472 × 3648	5,9 fps	GigE	Mono	9~24 VDC, PoE	C
IMX183	1"	2,4 µm	Rolling	5472 × 3648	5,9 fps	GigE	Color	9~24 VDC, PoE	C
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	59,6 fps	USB3.0	Mono	9~24 VDC, USB3.0	C
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	59,6 fps	USB3.0	Color	9~24 VDC, USB3.0	C
PYTHON	1/3,6"	4,8 µm	Global	640 × 480	173 fps	GigE	Mono	12 VDC, PoE	C
PYTHON	1/3,6"	4,8 µm	Global	640 × 480	173 fps	GigE	Color	12 VDC, PoE	C
IMX290	1/2,8"	2,9 µm	Rolling	1920 × 1080	58 fps	GigE	Color	9~24 VDC, PoE	C
AR0521	1/2,5"	2,2 µm	Rolling	2592 × 1944	24 fps	GigE	Mono	9~24 VDC, PoE	C
AR0521	1/2,5"	2,2 µm	Rolling	2592 × 1944	24 fps	GigE	Color	9~24 VDC, PoE	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
MT9J003	1/2,3"	1,67 µm	Rolling	3840 × 2748	7 fps	GigE	Color	12 VDC, PoE	C
MT9J003	1/2,3"	1,67 µm	Rolling	3840 × 2748	11,2 fps	GigE	Mono	12 VDC, PoE	C
IMX226	1/1,7"	1,85 µm	Rolling	4024 × 3036	9,6 fps	GigE	Mono	12 VDC, PoE	C
IMX226	1/1,7"	1,85 µm	Rolling	4024 × 3036	9,6 fps	GigE	Color	12 VDC, PoE	C
IMX183	1"	2,4 µm	Rolling	5472 × 3648	5,9 fps	GigE	Mono	12 VDC, PoE	C
IMX183	1"	2,4 µm	Rolling	5472 × 3648	5,9 fps	GigE	Color	12 VDC, PoE	C
IMX183	1"	2,4 µm	Rolling	5472 × 3648	5,9 fps	GigE	Mono	9~24 VDC, PoE	C
SS	1/2,7"	4,0 µm	Global	1280 × 1024	150 fps	USB3.0	Mono	12 VDC, USB3.0	C
AR0521	1/2,5"	2,2 µm	Rolling	2592 × 1944	44,7 fps	USB3.0	Mono	9~24 VDC, USB3.0	C
AR0521	1/2,5"	2,2 µm	Rolling	2592 × 1944	44,7 fps	USB3.0	Color	12 VDC, USB3.0	C
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	42,7 fps	USB3.0	Mono	12 VDC, USB3.0	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	42,7 fps	USB3.0	Color	12 VDC, USB3.0	C
IMX226	1/1,7"	1,85 µm	Rolling	4000 × 3036	31,9 fps	USB3.0	Mono	9~24 VDC, USB3.0	C
IMX226	1/1,7"	1,85 µm	Rolling	4000 × 3036	31,9 fps	USB3.0	Color	9~24 VDC, USB3.0	C
IMX183	1"	2,4 µm	Rolling	5472 × 3648	19,2 fps	USB3.0	Mono	12 VDC, USB3.0	C
IMX183	1"	2,4 µm	Rolling	5472 × 3648	19,2 fps	USB3.0	Color	12 VDC, USB3.0	C
IMX183	1"	2,4 µm	Rolling	5472 × 3648	19,2 fps	USB3.0	Mono	9~24 VDC, USB3.0	C
IMX183	1"	2,4 µm	Rolling	5472 × 3648	19,2 fps	USB3.0	Color	9~24 VDC, USB3.0	C
PYTHON300	1/4"	4,8 µm	Global	672 × 512	336 fps	GigE	Mono	12 VDC, PoE	C
PYTHON300	1/4"	4,8 µm	Global	672 × 512	336 fps	GigE	Color	12 VDC, PoE	C
IMX287	1/2,9"	6,9 µm	Global	720 × 540	312,9 fps	GigE	Mono	9~24 VDC, PoE	C
IMX287	1/2,9"	6,9 µm	Global	720 × 54	312,9 fps	GigE	Color	9~24 VDC, PoE	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
PYTHON480	1/3,6"	4,8 µm	Global	808 × 608	116 fps	GigE	Mono	12 VDC, PoE	C
PYTHON480	1/3,6"	4,8 µm	Global	808 × 608	116 fps	GigE	Color	12 VDC, PoE	C
PYTHON1300	1/2"	4,8 µm	Global	1280 × 1024	90 fps	GigE	Mono	12 VDC, PoE	C
PYTHON1300	1/2"	4,8 µm	Global	1280 × 1024	90 fps	GigE	Color	12 VDC, PoE	C
IMX273	1/2,9"	3,45 µm	Global	1440 × 1080	78,2 fps	GigE	Mono	9~24 VDC, PoE	C
IMX273	1/2,9"	3,45 µm	Global	1440 × 1080	78,2 fps	GigE	Color	9~24 VDC, PoE	C
IMX432	1,1"	9 µm	Global	1608 × 1104	68,5 fps	GigE	Mono	12 VDC, PoE	C
IMX432	1,1"	9 µm	Global	1608 × 1104	68,5 fps	GigE	Color	12 VDC, PoE	C
IMX430	1/1,7"	4,5 µm	Global	1624 × 1240	60 fps	GigE	Mono	9~24 VDC, PoE	C
IMX430	1/1,7"	4,5 µm	Global	1624 × 1240	60 fps	GigE	Color	9~24 VDC, PoE	C
PYTHON2000	2/3"	4,8 µm	Global	1920 × 1200	52,7 fps	GigE	Mono	12 VDC, PoE	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
PYTHON2000	2/3"	4,8 µm	Global	1920 × 1200	52,7 fps	GigE	Color	12 VDC, PoE	C
IMX249	1/1,2"	5,86 µm	Global	1920 × 1200	41 fps	GigE	Mono	12 VDC, PoE	C
IMX249	1/1,2"	5,86 µm	Global	1920 × 1200	41 fps	GigE	Color	12 VDC, PoE	C
IMX265	1/1,8"	3,45 µm	Global	2048 × 1536	37,5 fps	GigE	Mono	12 VDC, PoE	C
IMX265	1/1,8"	3,45 µm	Global	2048 × 1536	37,5 fps	GigE	Color	12 VDC, PoE	C
IMX264	2/3"	3,45 µm	Global	2448 × 2048	23,5 fps	GigE	Mono	12 VDC, PoE	C
IMX264	2/3"	3,45 µm	Global	2448 × 2048	24,1 fps	GigE	Color	9~24 VDC, PoE	C
PYTHON5000	1"	4,8 µm	Global	2592 × 2048	22 fps	GigE	Mono	12 VDC, PoE	C
PYTHON5000	1"	4,8 µm	Global	2592 × 2048	22 fps	GigE	Color	12 VDC, PoE	C
PYTHON5000	1"	4,8 µm	Global	2592 × 2048	22 fps	GigE	NIR	12 VDC, PoE	C
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	17 fps	GigE	Mono	12 VDC, PoE	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
IMX178	1/1,8"	2,4 µm	Rolling	3072 × 2048	17 fps	GigE	Color	12 VDC, PoE	C
PYTHON300	1/4"	4,8 µm	Global	640 × 480	814,5 fps	USB3.0	Mono	12 VDC, USB3.0	C
PYTHON300	1/4"	4,8 µm	Global	640 × 480	814,5 fps	USB3.0	Color	12 VDC, USB3.0	C
IMX287	1/2,9"	6,9 µm	Global	720 × 540	526,5 fps	USB3.0	Mono	9~24 VDC, USB3.0	C
IMX287	1/2,9"	6,9 µm	Global	720 × 540	526,5 fps	USB3.0	Color	9~24 VDC, USB3.0	C
PYTHON1300	1/2"	4,8 µm	Global	1280 × 1024	210 fps	USB3.0	Mono	12 VDC, USB3.0	C
PYTHON1300	1/2"	4,8 µm	Global	1280 × 1024	210 fps	USB3.0	Color	12 VDC, USB3.0	C
IMX273	1/2,9"	3,45 µm	Global	1440 × 1080	249,1 fps	USB3.0	Mono	12 VDC, USB3.0	C
IMX273	1/2,9"	3,45 µm	Global	1440 × 1080	249,1 fps	USB3.0	Color	12 VDC, USB3.0	C
IMX430	1/1,7"	4,5 µm	Global	1624 × 1240	89,1 fps	USB3.0	Mono	9~24 VDC, USB3.0	C
IMX430	1/1,7"	4,5 µm	Global	1624 × 1240	89,1 fps	USB3.0	Color	9~24 VDC, USB3.0	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
IMX249	1/1,2"	5,86 µm	Global	1920 × 1200	40 fps	USB3.0	Mono	12 VDC, USB3.0	C
IMX249	1/1,2"	5,86 µm	Global	1920 × 1200	41 fps	USB3.0	Color	12 VDC, USB3.0	C
IMX264	2/3"	3,45 µm	Global	2448 × 2048	35,1 fps	USB3.0	Mono	12 VDC, USB3.0	C
PYTHON5000	1"	4,8 µm	Global	2592 × 2048	71,8 fps	USB3.0	Mono	12 VDC, USB3.0	C
PYTHON5000	1"	4,8 µm	Global	2592 × 2048	71,8 fps	USB3.0	Color	12 VDC, USB3.0	C
IMX267	1"	3,45 µm	Global	4096 × 2160	13 fps	GigE	Mono	12 VDC, PoE	C
IMX267	1"	3,45 µm	Global	4096 × 2160	13 fps	GigE	Color	12 VDC, PoE	C
IMX304	1,1"	3,45 µm	Global	4096 × 3000	9,4 fps	GigE	Mono	12 VDC, PoE	C
IMX304	1,1"	3,45 µm	Global	4096 × 3000	9,4 fps	GigE	Color	12 VDC, PoE	C
IMX304	1,1"	3,45 µm	Global	4096 × 3000	9,4 fps	GigE	Mono	9~24 VDC, PoE	C
XGS12000	1"	3,2 µm	Global	4096 × 3072	9,6 fps	GigE	Mono	9~24 VDC, PoE	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
PYTHON25K	23 mm x 23 mm	4,5 µm	Global	5120 x 5120	4,64 fps	GigE	Mono	12 VDC	F
PYTHON25K	23 mm x 23 mm	4,5 µm	Global	5120 x 5120	4,64 fps	GigE	Mono	12 VDC	M58
PYTHON25K	23 mm x 23 mm	4,5 µm	Global	5120 x 5120	4,64 fps	GigE	Color	12 VDC	F
PYTHON25K	23 mm x 23 mm	4,5 µm	Global	5120 x 5120	4,64 fps	GigE	Color	12 VDC	M58
GMAX0505	1,1"	2,5 µm	Global	5120 x 5120	4,5 fps	GigE	Mono	12 VDC, PoE	C
GMAX0505	1,1"	2,5 µm	Global	5120 x 5120	4,5 fps	GigE	Color	12 VDC, PoE	C
IMX342	APS-C	3,45 µm	Global	6464 x 4852	3,9 fps	GigE	Mono	9~24 VDC, PoE	F
IMX342	APS-C	3,45 µm	Global	6464 x 4852	3,9 fps	GigE	Mono	9~24 VDC, PoE	M58
IMX342	APS-C	3,45 µm	Global	6464 x 4852	3,9 fps	GigE	Color	9~24 VDC, PoE	F
IMX342	APS-C	3,45 µm	Global	6464 x 4852	3,9 fps	GigE	Color	9~24 VDC, PoE	M58
IMX250	2/3"	3,45 µm	Global	2448 x 2048	74 fps	USB3.0	Mono	9~24 VDC, USB3.0	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
IMX250	2/3"	3,45 µm	Global	2448 × 2048	74 fps	USB3.0	Color	9~24 VDC, USB3.0	C
IMX267	1"	3,45 µm	Global	4096 × 2160	32 fps	USB3.0	Mono	12 VDC, USB3.0	C
IMX267	1"	3,45 µm	Global	4096 × 2160	32 fps	USB3.0	Color	12 VDC, USB3.0	C
IMX304	1,1"	3,45 µm	Global	4096 × 3000	23,1 fps	USB3.0	Mono	12 VDC, USB3.0	C
IMX304	1,1"	3,45 µm	Global	4096 × 3000	23,1 fps	USB3.0	Color	12 VDC, USB3.0	C
XGS12000	1"	3,2 µm	Global	4096 × 3072	28 fps	USB3.0	Mono	9~24 VDC, USB3.0	C
IMX253	1,1"	3,45 µm	Global	4096 × 3000	68 fps	10GigE	Mono	9~24 VDC	M58
IMX253	1,1"	3,45 µm	Global	4096 × 3000	68 fps	10GigE	Mono	9~24 VDC	F
GMAX3265	29,9 mm × 22,4 mm	3,2 µm	Global	9344 × 7000	15,5 fps	10GigE	Mono	9~24 VDC	M58
GMAX3265	29,9 mm × 22,4 mm	3,2 µm	Global	9344 × 7000	15,5 fps	10GigE	Mono	9~24 VDC	F
IMX250	2/3"	3,45 µm	Global	2448 × 2048	140 fps	Camera Link	Mono	9~24 VDC	C

Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. FPS	Data interface	Mono / Color	Power supply	Lens mount
IMX264	2/3"	3,45 µm	Global	2448 × 2048	35 fps	Camera Link	Mono	9~24 VDC	C
IMX250	2/3"	3,45 µm	Global	2448 × 2048	140 fps	Camera Link	Color	9~24 VDC	C
IMX253	1,1"	3,45 µm	Global	3840 × 3000	69,8 fps	Camera Link	Mono	9~24 VDC	C
IMX304	1,1"	3,45 µm	Global	4096 × 3000	23,4 fps	Camera Link	Mono	9~24 VDC	C
IMX253	1,1"	3,45 µm	Global	3840 × 3000	68,1 fps	Camera Link	Color	9~24 VDC	C
PYTHON25K	23 mm × 23 mm	4,5 µm	Global	5120 × 5120	31,3 fps	Camera Link	Mono	9~24 VDC	M58
IMX342	APS-C	3,45 µm	Global	6464 × 4852	17,9 fps	CXP-6	Mono	9~24 VDC	M58
IMX342	APS-C	3,45 µm	Global	6464 × 4852	17,9 fps	CXP-6	Mono	9~24 VDC	F
GMAX3265	29,9 mm × 22,4 mm	3,2 µm	Global	9344 × 7000	31,5 fps	CXP-6	Mono	9~24 VDC	M58
GMAX3265	29,9 mm × 22,4 mm	3,2 µm	Global	9344 × 7000	31,5 fps	CXP-6	Mono	9~24 VDC	F
IMX411	66,7 mm	3,76 µm	Rolling	14208 × 10640	6,2 fps	CXP-6	Mono	12~24 VDC	M72

2. Câmeras Smart



Pixel Size	Sensor Size	Resolution	Max FPS	Data Interface	Mono/Color	Power Supply	Lens Mount	Focal Length	Light Source	Working Temperature
3.45 μm \times 3.45 μm	1/2.9"	1408 \times 1024	60 fps	GigE	Color	12~24 VDC	M12	12/15 mm	White, Red/Blue/NIR is optional	0 ~50 $^{\circ}\text{C}$
2.4 μm \times 2.4 μm	1/1.8"	3072 \times 2048	30 fps	GigE	Mono	12~24 VDC	M12	12 mm	White, Red/Blue/NIR is optional	0~50 $^{\circ}\text{C}$
2.4 μm \times 2.4 μm	1/1.8"	3072 \times 2048	30 fps	GigE	Mono	12~24 VDC	M12	x	White, Red/Blue/NIR is optional	0~50 $^{\circ}\text{C}$
6.9 μm \times 6.9 μm	1/2.9"	704 \times 540	100 fps	Fast Ethernet	Mono	12~24VDC	M12	6/12/15 mm	14 LED: White/Red/Blue/NIR	0~50 $^{\circ}\text{C}$
6.9 μm \times 6.9 μm	1/2.9"	704 \times 540	100 fps	Fast Ethernet	Color	12~24VDC	M12	6/12/15 mm	14 LED: White/Red/Blue/NIR	0~50 $^{\circ}\text{C}$
3.45 μm \times 3.45 μm	1/2.9"	1408 \times 1024	60 fps	Fast Ethernet	Mono	12~24VDC	M12	6/12/15 mm	8 LED: White/Red/Blue/NIR	0~50 $^{\circ}\text{C}$
3.45 μm \times 3.45 μm	1/2.9"	1408 \times 1024	60 fps	Fast Ethernet	Color	12~24VDC	M12	6/12/15 mm	14 LED: White/Red/Blue/NIR	0~50 $^{\circ}\text{C}$
6.9 μm \times 6.9 μm	1/2.9"	704 \times 540	30 fps	Fast Ethernet	Mono	12~24 VDC	M12	6 mm	White/Red/Blue	0~50 $^{\circ}\text{C}$

Pixel Size	Sensor Size	Resolution	Max FPS	Data Interface	Mono/ Color	Power Supply	Lens Mount	Focal Length	Light Source	Working Temperature
3.45 μm \times 3.45 μm	1/2.9"	1408 \times 1024	30 fps	Fast Ethernet	Mono	12~24 VDC	M12	6 mm	White/Red/Blue	0~50 $^{\circ}\text{C}$

3. Câmeras Smart – Plataforma aberta



Sensor Model	Pixel Size	Sensor Size	Resolution	Max FPS	Data Interface	Mono/Color	Power Supply	Lens Mount	Light Source	Working Temperature
PYTHON1300	4.8 μm × 4.8 μm	1/2"	1280 × 1024	80 fps	GigE	Mono	9~24 VDC	C	White	0~50 °C
PYTHON1300	4.8 μm × 4.8 μm	1/2"	1280 × 1024	80 fps	GigE	Color	9~24 VDC	C	White	0~50 °C
PYTHON2000	4.8 μm × 4.8 μm	2/3"	1920 × 1200	50 fps	GigE	Mono	9~24 VDC	C	White	0~50 °C
PYTHON5000	4.8 μm × 4.8 μm	1"	2592 × 2048	30 fps	GigE	Mono	9~24 VDC	C	White	0~50 °C
PYTHON5000	4.8 μm × 4.8 μm	1"	2592 × 2048	30 fps	GigE	Color	9~24 VDC	C	White	0~50 °C
IMX178	2.4 μm × 2.4 μm	1/1.8"	3072 × 2048	17 fps	GigE	Mono	9~24 VDC	C	White	0~50 °C
IMX178	2.4 μm × 2.4 μm	1/1.8"	3072 × 2048	17 fps	GigE	Color	9~24 VDC	C	White	0~50 °C
IMX267	3.45 μm × 4.8 μm	1"	4096 × 2160	11 fps	GigE	Mono	9~24 VDC	C	White	0~50 °C

4. Lentes



Focal Length (mm)	F No.	Distortion	FoV-D	FoV-H	FoV-V	M.O.D (mm)	Filter Thread	Mount	Operating Temperature
6	F2.8-F16	-0.10%	73.49°	63.11°	44.59°	0.1	M37.5 × 0.5	C-Mount	-10~50 °C
8	F2.8-F16	0.05%	58.50°	49.46°	34.19°	0.1	M30.5 × 0.5	C-Mount	-10~50 °C
12	F2.8-F16	-0.01%	40.94°	34.14°	23.17°	0.1	M27 × 0.5	C-Mount	-10~50 °C
16	F2.8-F16	-0.02%	31.28°	25.94°	17.48°	0.1	M27 × 0.5	C-Mount	-10~50 °C
25	F2.8-F16	-0.03%	20.32°	16.77°	11.24°	0.2	M27 × 0.5	C-Mount	-10~50 °C
30	F2.8-F16	-0.03%	16.99°	14.01°	9.38°	0.2	M27 × 0.5	C-Mount	-10~50 °C
40	F2.8-F16	-0.02%	12.78°	10.53°	7.04°	0.25	M27 × 0.5	C-Mount	-10~50 °C
50	F2.8-F16	0.30%	9.72°	7.84°	5.24°	0.25	M30.5 × 0.5	C-Mount	-10~50 °C
6	F2.4-F16	0.37%	72.96°	62.46°	44.05°	0.1	~	C-Mount	-10~50 °C
8	F2.4-F16	-0.67%	58.81°	49.56°	34.04°	0.1	M27 × 0.5	C-Mount	-10~50 °C

Focal Length (mm)	F No.	Distortion	FoV-D	FoV-H	FoV-V	M.O.D (mm)	Filter Thread	Mount	Operating Temperature
12	F2.4-F16	0.15%	40.2°	33.6°	22.9°	0.1	M27 × 0.5	C-Mount	-10~50 °C
16	F2.4-F16	-0.02%	30.17°	25.07°	16.92°	0.1	M27 × 0.5	C-Mount	-10~50 °C
25	F2.4-F16	-0.01%	19.67°	16.19°	10.85°	0.1	M27 × 0.5	C-Mount	-10~50 °C
35	F2.4-F16	0.01%	13.47°	11.03°	7.34°	0.15	M27 × 0.5	C-Mount	-10~50 °C
50	F2.4-F16	0.03%	9.10°	7.48°	5.00°	0.3	M27 × 0.5	C-Mount	-10~50 °C
8	F2.8-F16	0.28%	68.46°	54.97°	47.06°	0.1	~	C-Mount	-10~50 °C
12	F2.8-F16	0.28%	48.6°	37.9°	32.04°	0.1	M30.5 × 0.5	C-Mount	-10~50 °C
16	F2.8-F16	0.33%	37.39°	28.9°	24.33°	0.1	M27 × 0.5	C-Mount	-10~50 °C
25	F2.8-F16	0.01%	23.23°	17.78°	14.91°	0.1	M27 × 0.5	C-Mount	-10~50 °C
35	F2.8-F16	0.02%	15.26°	11.65°	9.76°	0.15	M30.5 × 0.5	C-Mount	-10~50 °C

Focal Length (mm)	F No.	Distortion	FoV-D	FoV-H	FoV-V	M.O.D (mm)	Filter Thread	Mount	Operating Temperature
50	F2.8-F16	0.01%	11.67°	8.81°	7.38°	0.4	M27 x 0.5	C-Mount	-10~50 °C
12	F2.4-F16	0.39%	76.12°	62.33°	55.33°	0.1	M67 x 0.75	C-Mount	-10~50 °C
16	F2.4-F16	0.07%	61.36°	48.83°	42.86°	0.1	M40.5 x 0.5	C-Mount	-10~50 °C
25	F2.4-F16	-0.04%	41.19°	31.42°	27.32°	0.15	M37 x 0.5	C-Mount	-10~50 °C
35	F2.4-F16	0.02%	29.33°	22.51°	19.53°	0.15	M40.5 x 0.5	C-Mount	-10~50 °C
50	F2.4-F16	0.01%	20.5°	15.66°	13.57°	0.25	M40.5 x 0.5	C-Mount	-10~50 °C
35	F2.8-F16	0.40%	41.96°	35.44°	24.05°	0.13	0.01x~0.16x M58 x 0.75	F-Mount	-10~50 °C
50	F4.0-F32	-0.22%	47.02°	39.77°	27.11°	0.15	0.01x~0.33x M52 x 0.75	F-Mount, extensible to V interface	-10~50 °C
80	F4.0-F32	0.04%	30.41°	25.47°	17.13°	0.23	0.01x~0.4x M52 x 0.75	F-Mount, extensible to V interface	-10~50 °C