

Monochrome Camera Specification

Product	CCD	Type	CCD Size (mm)	No. of Pixels/Size	Download time	Readout Noise	Size Dia/Length	Cooling	Weight	Full Well Depth	Data Format
SXVR-H36	KAI-16000	Mono	36.7 x 24.3	4904 x 3280 (7.4um x 7.4um)	9 secs	9-e	118 x 102mm	-40C	1.1Kg	> 30,000	16 bit
SXVR-H35	KAI-11002	Mono	36.7 x 24.3	4032 x 2688 (9um x 9um)	6 secs	12e-	118 x 102mm	-40C	1.1Kg	> 50,000	16 bit
SXVR-H18	KAF-8300	Mono	17.96 x 13.52	3326 x 2504 (5.4um x 5.4um)	4.5 sec	6.5e-	75 x 70mm	-40C	0.4Kg	> 25,000	16 bit
SXVR-H16	KAI-4022	Mono	15.15 x 15.15	2048 x 2048 (7.4um x 7.4um)	3 sec	7e-	75 x 70mm	-40C	0.4Kg	> 40,000	16 bit
SXVR-H694	ICX694	Mono	12.5 x 10	2750 x 2200 (4.54 x 4.54um)	4 sec	4.5e-	75 x 70mm	-30C	0.4Kg	> 20,000	16 bit
SXVR-H674	ICX674	Mono	9 x 6.7	1940 x 1460 (4.54 x 4.54um)	2 sec	4.5e-	75 x 70mm	-30C	0.4Kg	> 20,000	16 bit
SXVR-H9	ICX285	Mono	9 x 6.7	1392 x 1040 (6.45 x 6.45uM)	0.6 sec	4.5e-	75 x 70mm	-30C	0.4kg	>23,000	16 bit
SXVR-H5	ICX424	Mono	4.9 x 3.65	660 x 494 (7.4 x 7.4um)	0.2 sec	11e-	75 x 70mm	-30C	0.4Kg	>30,000	16 bit

Colour Camera Specification

Product	CCD	Type	CCD Size (mm)	No. of Pixels/Size	Download time	Readout Noise	Size Dia/Length	Cooling	Weight	Full Well Depth	Data Format
SXVR-M26C	ICX493	Colour	36.7 x 24.3	4904 x 3280 (7.4um x 7.4um)	9 sec	9-e	118 x 102mm	-40C	1.1Kg	> 30,000	16 bit
SXVRM25C	ICX453	Colour	36.7 x 24.3	4032 x 2688 (9um x 9um)	6 sec	12e-	118 x 102mm	-40C	1.1Kg	> 50,000	16 bit
SXVR-H694C	ICX694	Colour	12.5 x 10	2750 x 2200 (4.54 x 4.54um)	4 sec	4.5e-	75 x 70mm	-30C	0.4Kg	> 20,000	16 bit
SXVR-H674C	ICX674	Colour	9 x 6.7	1940 x 1460 (4.54 x 4.54um)	2 sec	4.5e-	75 x 70mm	-30C	0.4Kg	> 20,000	16 bit
SXVR-H9C	ICX285	Colour	9 x 6.7	1392 x 1040 (6.45 x 6.45uM)	0.6 sec	4.5e-	75 x 70mm	-30C	0.4kg	>23,000	16 bit
SXVR-M8C	ICX406	Colour	7.225 x 5.375	2312 x 1720 (3.125 x 3.125um)	2 sec	7e-	75 x 70mm	-30C	0.4Kg	>10,000	16 bit

Autoguider Specification

Product	CCD	Type	CCD Size (mm)	No. of Pixels/Size	Download time	Readout Noise	Size Dia/Length	Cooling	Weight	Full Well Depth	Data Format
Lodestar	ICX429	Mono	6.4 x 4.75	752 x 580 (8.2 x 8.4 uM)	0.2 sec	10-e	32 x 72mm (1.25" Dia)	Ambient Air	50g	> 50,000	16 bit
Lodestar - C	ICX429	Colour	6.4 x 4.75	752 x 580 (8.2 x 8.4 uM)	0.2 sec	10-e	32 x 72mm (1.25" Dia)	Ambient Air	50g	> 50,000	16 bit
SuperStar	ICX205	Mono	6.4 x 4.75	1392 x 1040 (4.65 x 4.65uM)	0.6 sec	4.5e-	32 x 72mm (1.25" Dia)	Ambient Air	50g	> 20,000	16 bit
SuperStar - C	ICX205	Colour	6.4 x 4.75	1392 x 1040 (4.65 x 4.65uM)	0.6 sec	4.5e-	32 x 72mm (1.25" Dia)	Ambient Air	50g	> 20,000	16 bit
CoStar	MT9M001	Mono	6.785 x 5.325	1304 x 1024 (5.2 x 5.2uM)	0.5 sec	20e-	32 x 60mm (1.25" Dia)	Ambient Air	45g	>23,000	10 bit
SXV-EXAutoguider	ICX429	Mono	6.4 x 4.75	752 x 580 (8.2 x 8.4 uM)	0.2 sec	10-e	32 x 72mm (1.25" Dia)	Ambient Air	50g	> 50,000	8 bit
SXV-Autoguider	ICX405	Mono	4.9 x 3.65	510 x 580 (9.8 x 6.3uM)	0.1 sec	10-e	32 x 72mm (1.25" Dia)	Ambient Air	50g	> 50,1	8 bit

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PRODUCT RANGE

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SXVR-H694
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SXVR-H674C
SXVR-H9
SXVR-H9C
Active Optics
Lodestar
CoStar
SuperStar
Filter Wheel
OAG